

THE YORTAN CULTURE WITHIN THE EARLY BRONZE AGE

OF WESTERN ANATOLIA

by

Turhan Kiamil

VOLUME II

Submitted to the Faculty of Arts in fulfilment of the requirements for the degree of Doctor of Philosophy in the Institute of Archaeology, University of London, 1980.

TABLE OF CONTENTS

VOLUME II

	page
PLATES	201
FIGURES	222
PLANS	319
MAP	323

LIST OF PLATES

		page
Plate I	Babaköy burial pithoi	201
Plate II	Karataş-Semayük burials	202
Plate III	Class A pottery of Yortan: Shape I, Bowls	203
Plate IV	Class A pottery of Yortan: Shape II, Small jars with tall neck and on feet	204
Plate V	Class A pottery of Yortan: Shape III, Larger jars with tall neck and on flattened base	205
Plate VI	Class A pottery of Yortan: Shape IV, Small jars with short neck or hole-mouth	206
Plate VII	Class A pottery of Yortan: Shape VI, Juglets; Shape VII, Small jugs with obliquely cut spout	207
Plate VIII	Class A pottery of Yortan: Shape VIII, Larger jugs with obliquely cut spout	208
Plate IX:	Class A pottery of Yortan: Shape IX, Small jugs with cutaway spout	209
Plate X	Class A pottery of Yortan: Shape X, Larger jugs with cutaway spout	210
Plate XI	Class A pottery of Yortan: Shape XI, Jugs with flanged rim and side-spout; Shape XII, Larger jugs with flanged rim	211
Plate XII	Class A pottery of Yortan: Shape XIII, Tankard; Shape XIV, Bird-shaped vessels	212
Plate XIII	Class A pottery of Yortan: Shape XV, Triple vessels; Shape XVI, Rare vessels	213
Plate XIV	Class C pottery of Yortan	214
Plate XV	Class C pottery of Yortan	215
Plate XVI	Yortan figurines; Yortan metal finds	216
Plate XVII	Pottery of uncertain provenance	217
Plate XVIII	Pottery of uncertain provenance	218
Plate XIX	Pottery of uncertain provenance	219

Plate XX	A selection of Yortan Class A pottery	220
Plate XXI	A selection of Yortan Class A and C pottery	221

LIST OF FIGURES

	page
Fig. 1 P. Gaudin's drawings of Yortan burials	222
Fig. 2 P. Gaudin's drawings of Yortan burials	223
Fig. 3 P. Gaudin's drawings of Yortan burials	224
Fig. 4 P. Gaudin's drawings of Yortan burials	225
Fig. 5 P. Gaudin's drawings of Yortan burials	226
Fig. 6 P. Gaudin's drawings of Yortan burials	227
Fig. 7 P. Gaudin's drawings of Yortan burials	228
Fig. 8 P. Gaudin's drawings of Yortan burials	229
Fig. 9 P. Gaudin's drawings of Yortan burials	230
Fig. 10 P. Gaudin's drawings of Yortan burials	231
Fig. 11 P. Gaudin's drawings of Yortan burials	232
Fig. 12 Yortan burial pithoi. Shape 1; Shape 2	233
Fig. 13 Yortan burial pithoi. Shape 2	234
Fig. 14 Yortan burial pithoi. Shape 2; Shape 3	235
Fig. 15 Yortan burial pithoi. Shape 3	236
Fig. 16 Yortan burial pithoi. Shape 3	237
Fig. 17 Yortan burial pithoi. Shape 3; Shape 4	238
Fig. 18 Yortan burial pithoi. Shape 4	239
Fig. 19 Yortan burial pithoi. Shape 5	240
Fig. 20 Yortan burial pithoi. Shape 5	241
Fig. 21 Yortan burial pithoi. Shape 5	242
Fig. 22 Yortan burial pithoi. Shape 6	243
Fig. 23 Class A pottery of Yortan. Shape I, Bowls	244
Fig. 24 Class A pottery of Yortan. Shape I, Bowls	245
Fig. 25 Class A pottery of Yortan. Shape II, Small jars with flanged rim and on feet	246
Fig. 26 Class A pottery of Yortan. Shape II, Small jars with flanged rim and on feet	247
Fig. 27 Class A pottery of Yortan. Shape II, Small jars with flanged rim and on feet	248
Fig. 28 Class A pottery of Yortan. Shape III, Larger jars with flanged rim and on flattened base	249

Fig. 29	Class A pottery of Yortan. Shape III, Larger jars with flanged rim and on flattened base	250
Fig. 30	Class A pottery of Yortan. Shape III, Larger jars with flanged rim and on flattened base	251
Fig. 31	Class A pottery of Yortan. Shape III, Larger jars with flanged rim and on flattened base	252
Fig. 32	Class A pottery of Yortan. Shape IV, Small jars with short neck or hole-mouth	253
Fig. 33	Class A pottery of Yortan. Shape IV, Small jars with short neck or hole-mouth; Shape V, Lids, Type (A)	254
Fig. 34	Class A pottery of Yortan. Shape V, Lids, Type (B); Type (C)	255
Fig. 35	Class A pottery of Yortan. Shape VI, Juglets	256
Fig. 36	Class A pottery of Yortan. Shape VII, Small jugs with obliquely cut spout	257
Fig. 37	Class A pottery of Yortan. Shape VII, Small jugs with obliquely cut spout	258
Fig. 38	Class A pottery of Yortan. Shape VIII, Larger jugs with obliquely cut spout	259
Fig. 39	Class A pottery of Yortan. Shape VIII, Larger jugs with obliquely cut spout	260
Fig. 40	Class A pottery of Yortan. Shape VIII, Larger jugs with obliquely cut spout	261
Fig. 41	Class A pottery of Yortan. Shape VIII, Larger jugs with obliquely cut spout	262
Fig. 42	Class A pottery of Yortan. Shape VIII, Larger jugs with obliquely cut spout	263
Fig. 43	Class A pottery of Yortan. Shape VIII, Larger jugs with obliquely cut spout	264
Fig. 44	Class A pottery of Yortan. Shape VIII, Larger jugs with obliquely cut spout	265
Fig. 45	Class A pottery of Yortan. Shape IX, Small jugs with cutaway spout	266
Fig. 46	Class A pottery of Yortan. Shape IX, Small jugs with cutaway spout	267

Fig. 47	Class A pottery of Yortan. with cutaway spout	Shape IX, Small jugs	268
Fig. 48	Class A pottery of Yortan. with cutaway spout	Shape X, Larger jugs	269
Fig. 49	Class A pottery of Yortan. with cutaway spout	Shape X, Larger jugs	270
Fig. 50	Class A pottery of Yortan. with cutaway spout	Shape X, Larger jugs	271
Fig. 51	Class A pottery of Yortan. with cutaway spout	Shape X, Larger jugs	272
Fig. 52	Class A pottery of Yortan. with cutaway spout	Shape X, Larger jugs	273
Fig. 53	Class A pottery of Yortan. with cutaway spout	Shape X, Larger jugs	274
Fig. 54	Class A pottery of Yortan. with cutaway spout	Shape X, Larger jugs	275
Fig. 55	Class A pottery of Yortan. with cutaway spout	Shape X, Larger jugs	276
Fig. 56	Class A pottery of Yortan. with cutaway spout	Shape X, Larger jugs	277
Fig. 57	Class A pottery of Yortan. with cutaway spout	Shape X, Larger jugs	278
Fig. 58	Class A pottery of Yortan. with cutaway spout	Shape X, Larger jugs	279
Fig. 59	Class A pottery of Yortan. with cutaway spout	Shape X, Larger jugs	280
Fig. 60	Class A pottery of Yortan. with cutaway spout	Shape X, Larger jugs	281
Fig. 61	Class A pottery of Yortan. with cutaway spout	Shape X, Larger jugs	282
Fig. 62	Class A pottery of Yortan. with cutaway spout	Shape X, Larger jugs	283
Fig. 63	Class A pottery of Yortan. with cutaway spout	Shape X, Larger jugs	284
Fig. 64	Class A pottery of Yortan. with cutaway spout	Shape X, Larger jugs	285

Fig. 65	Class A pottery of Yortan. Shape XI, Jugs with flanged rim and side-spout	286
Fig. 66	Class A pottery of Yortan. Shape XII, Larger jugs with flanged rim	287
Fig. 67	Class A pottery of Yortan. Shape XII, Larger jugs with flanged rim	288
Fig. 68	Class A pottery of Yortan. Shape XII, Larger jugs with flanged rim	289
Fig. 69	Class A pottery of Yortan. Shape XII, Larger jugs with flanged rim	290
Fig. 70	Class A pottery of Yortan. Shape XIII, Tankards	291
Fig. 71	Class A pottery of Yortan. Shape XIV, Bird-shaped vessels	292
Fig. 72	Class A pottery of Yortan. Shape XIV, Bird-shaped vessels	293
Fig. 73	Class A pottery of Yortan. Shape XIV, Bird-shaped vessels	294
Fig. 74	Class A pottery of Yortan. Shape XV, Triple vessels; Shape XVI, Rare vessels	295
Fig. 75	Class A pottery of Yortan. Shape XVI, Rare vessels	296
Fig. 76	Class A pottery of Yortan. Shape XVI, Rare vessels	297
Fig. 77	Class B pottery of Yortan	298
Fig. 78	Class B pottery of Yortan	299
Fig. 79	Class B pottery of Yortan; Class C pottery of Yortan	300
Fig. 80	Class C pottery of Yortan	301
Fig. 81	Class C pottery of Yortan	302
Fig. 82	Class C pottery of Yortan	303
Fig. 83	Class C pottery of Yortan	304
Fig. 84	Yortan Spindle Whorls	305
Fig. 85	Yortan Spindle Whorls	306
Fig. 86	Yortan Spindle Whorls	307
Fig. 87	Pottery from Babaköy	308
Fig. 88	Pottery from Soma; pottery from Pergamon	309

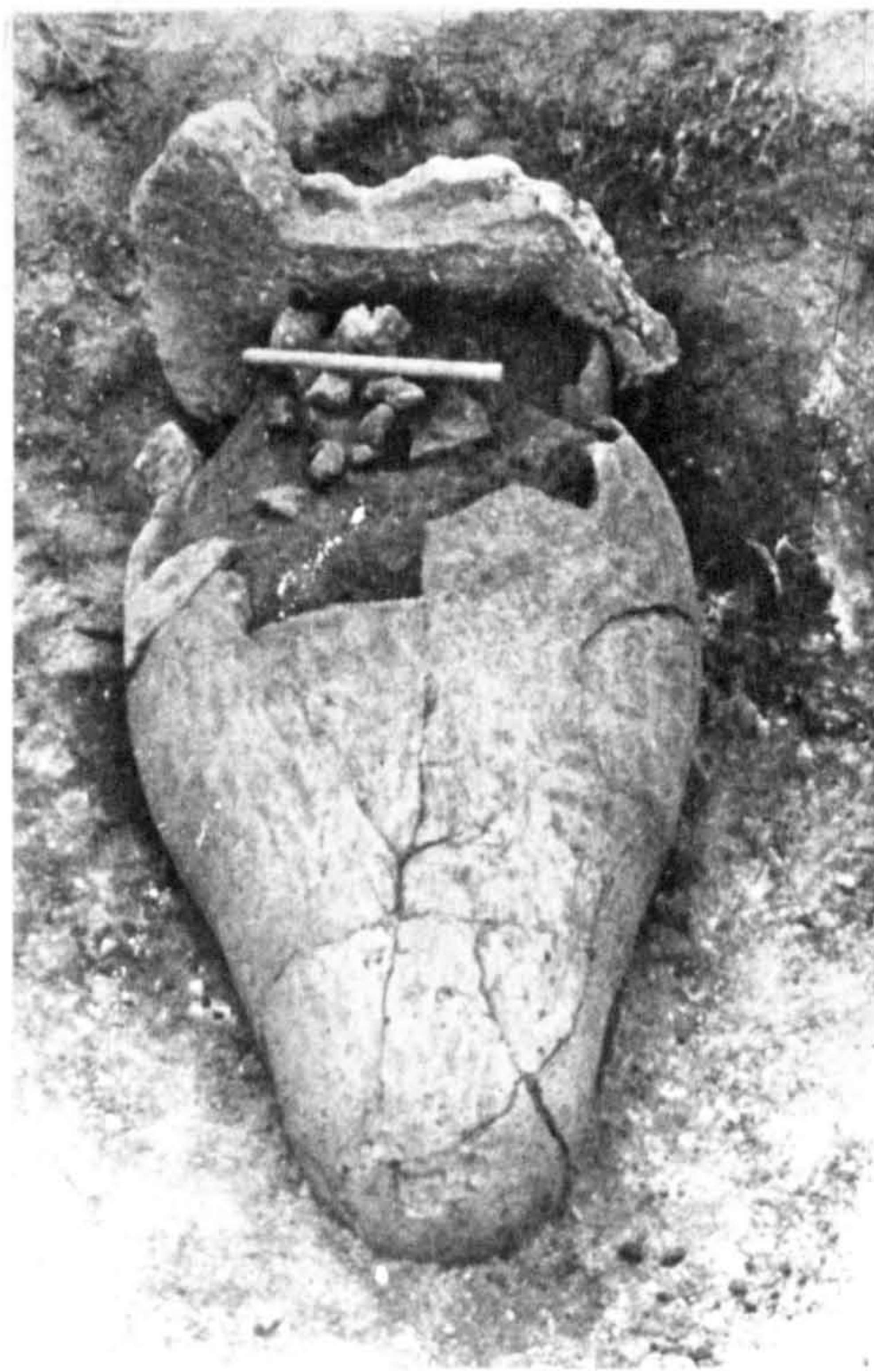
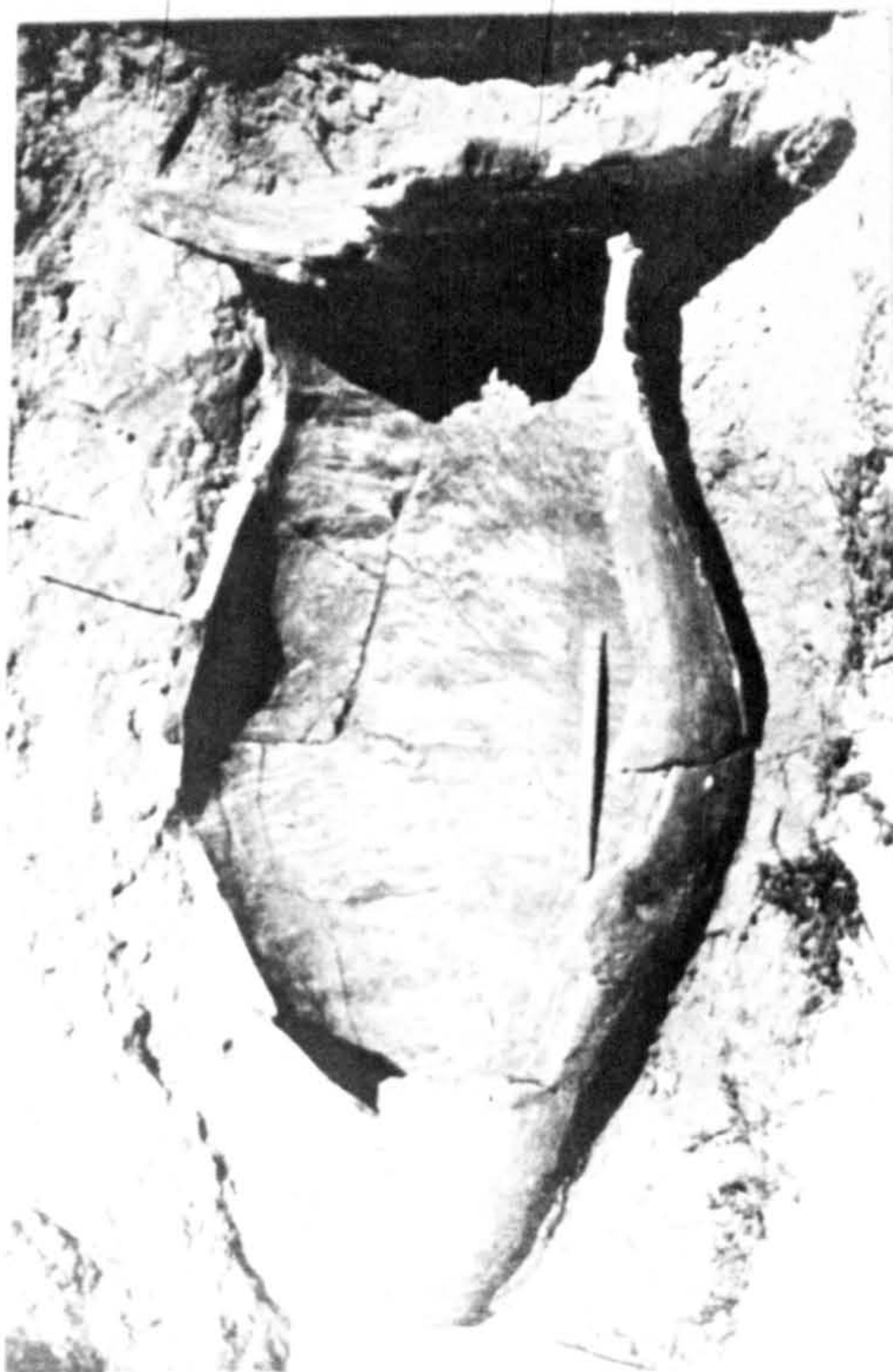
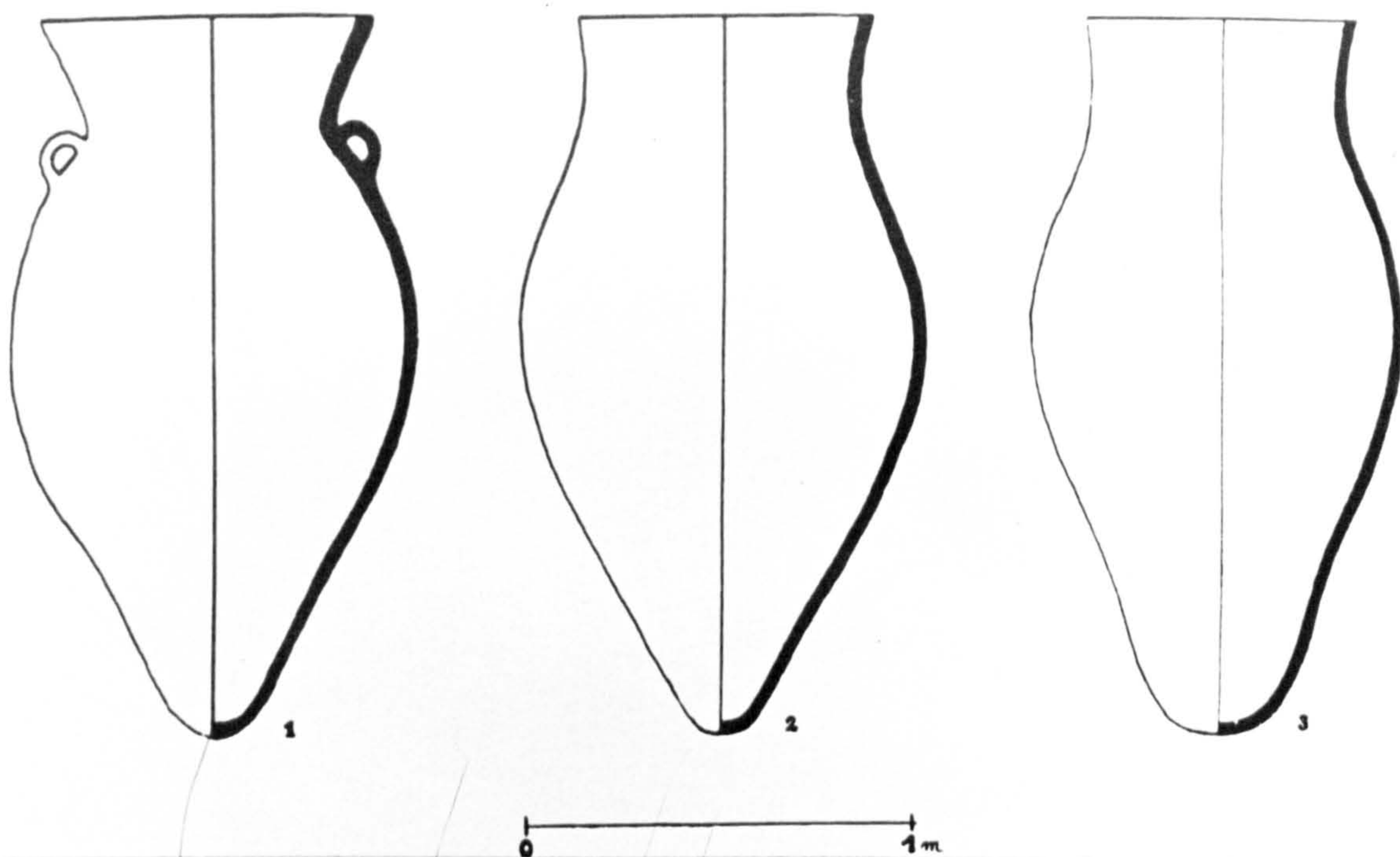
Fig. 89	Pottery of uncertain provenance	310
Fig. 90	Pottery of uncertain provenance	311
Fig. 91	Pottery of uncertain provenance	312
Fig. 92	Pottery of uncertain provenance	313
Fig. 93	Pottery of uncertain provenance	314
Fig. 94	Pottery of uncertain provenance	315
Fig. 95	Pottery of uncertain provenance	316
Fig. 96	Pottery of uncertain provenance	317
Fig. 97	Pottery of uncertain provenance	318

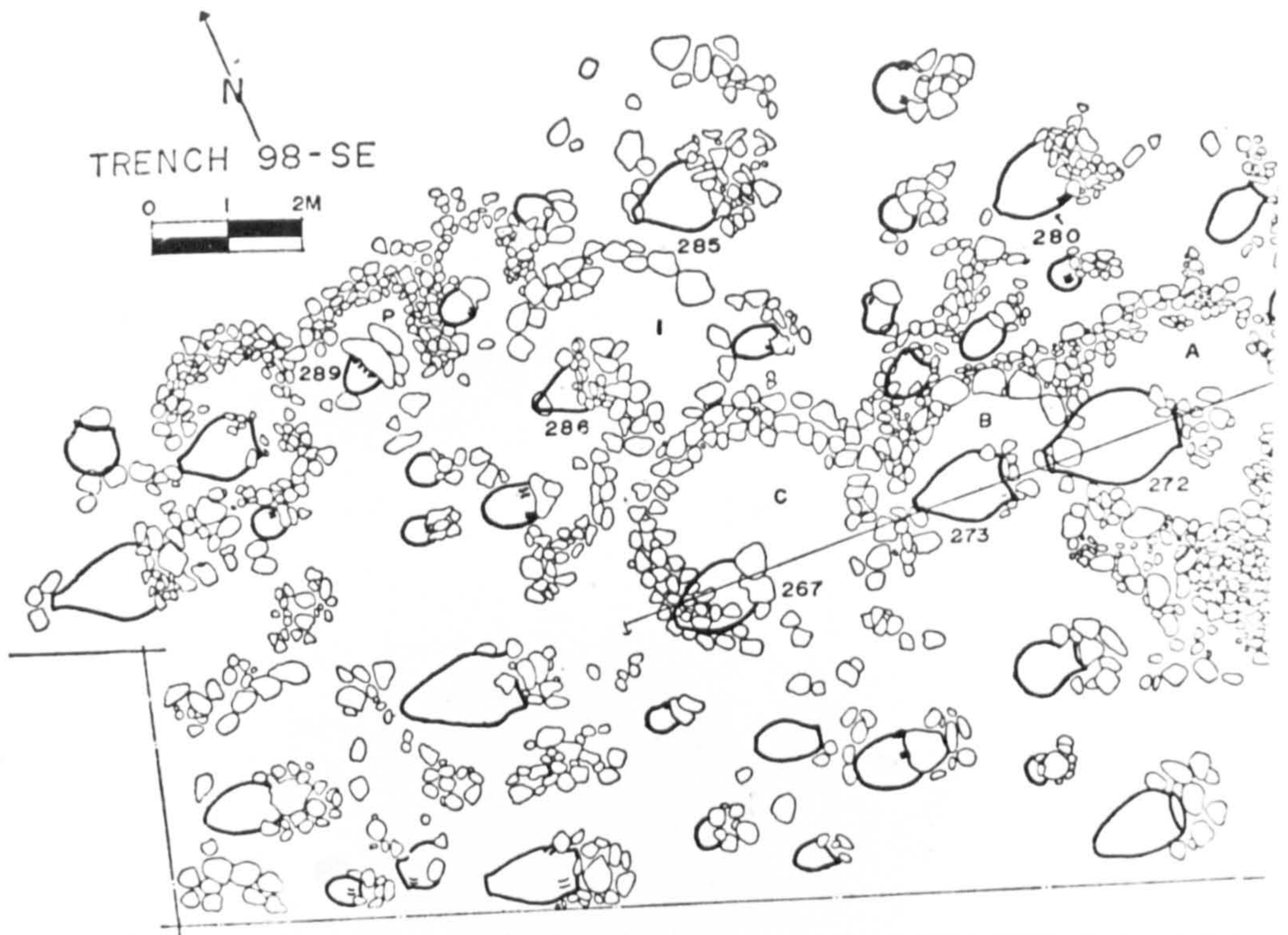
LIST OF PLANS

Plan Ia	P. Gaudin's original plan of Yortan Cemetery and Çavdar Tepe	319
Plan Ib	Copy of P. Gaudin's plan of Yortan Cemetery and Çavdar Tepe	321
Plan IIa	P. Gaudin's original plan of Yortan Cemetery	320
Plan IIb	Copy of P. Gaudin's plan of Yortan Cemetery	322

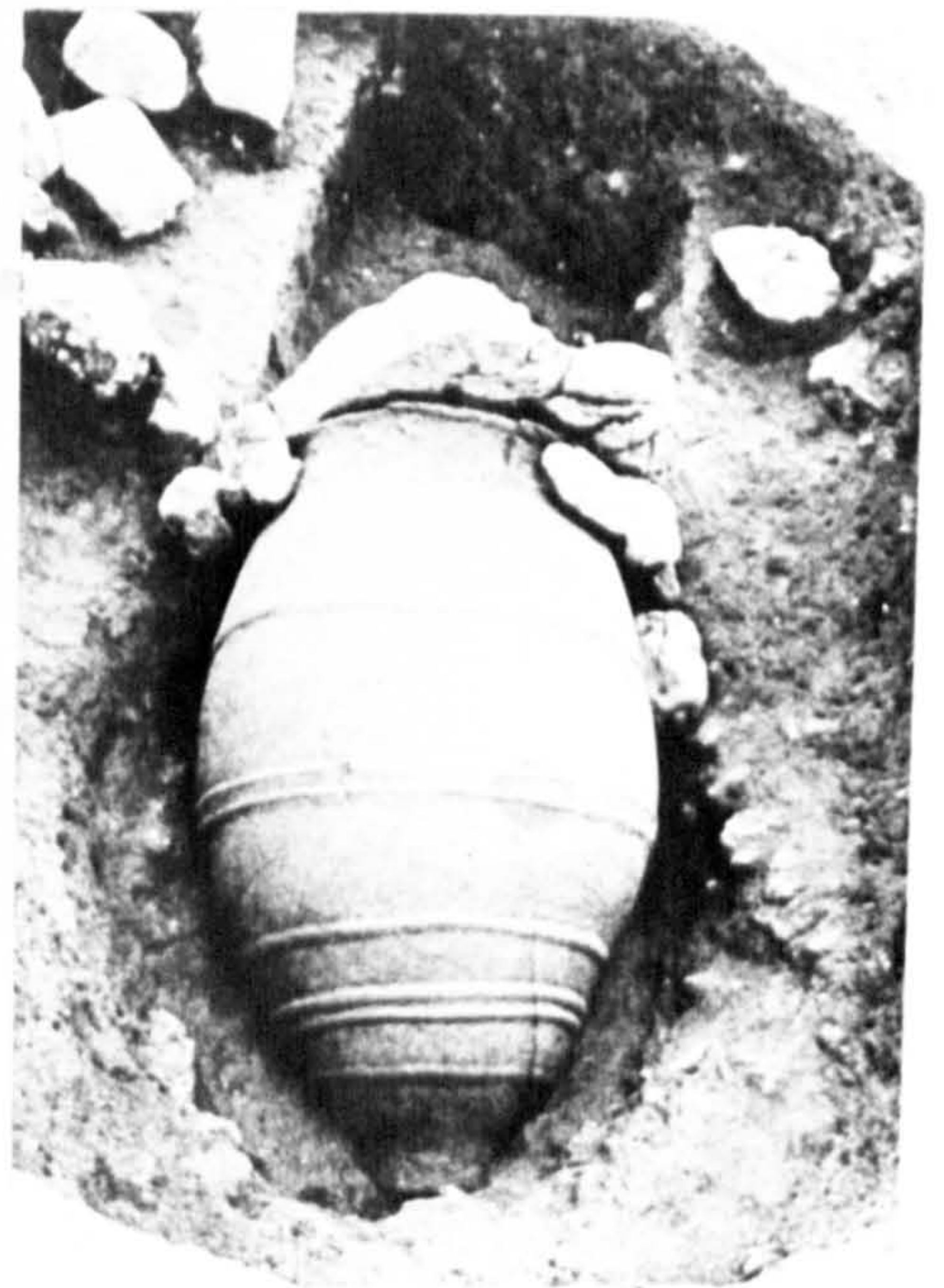
MAP

General map of western Anatolia and the Aegean showing the more important sites mentioned in the text	323
--	-----





Trench 98. View of SE extension



Mound, Middle Bronze burial E

SHAPE I







3



11



6



SHAPE V





SHAPE VII





11



21



25



2



11



13



17





SHAPE XII





1



2

SHAPE XIV



2



3



1



2



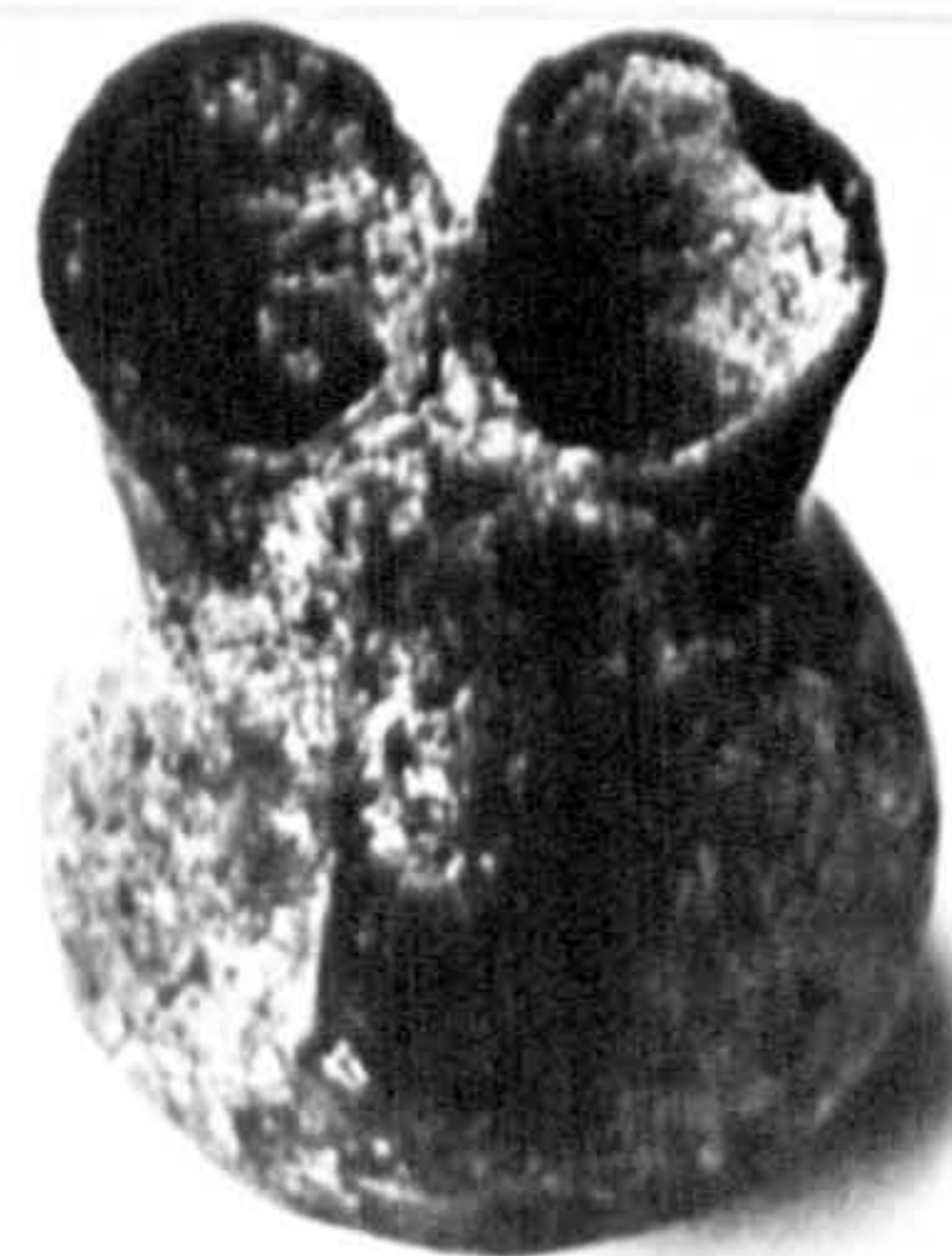
SHAPE XVI



3



4



5





1



7



13



9



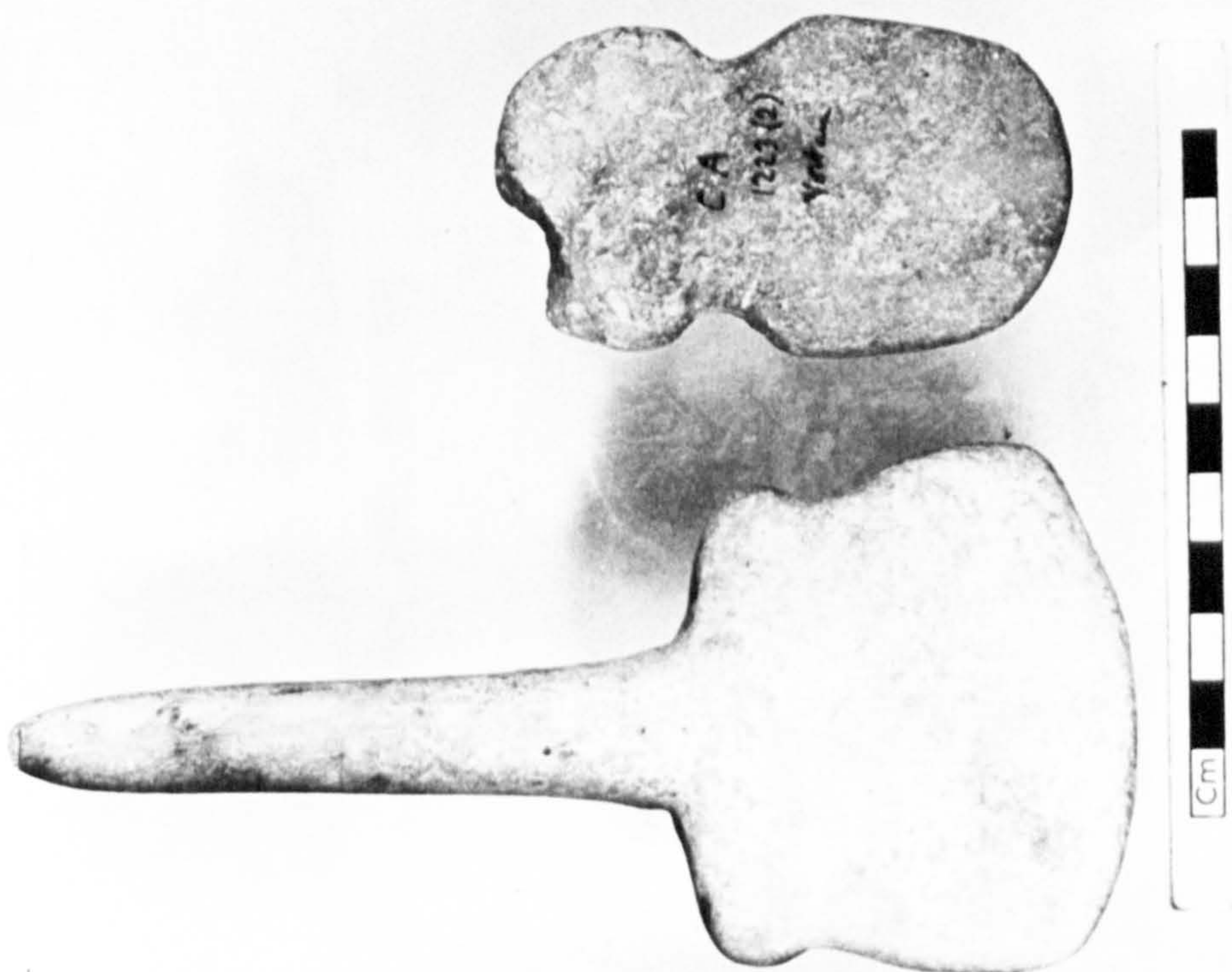
14



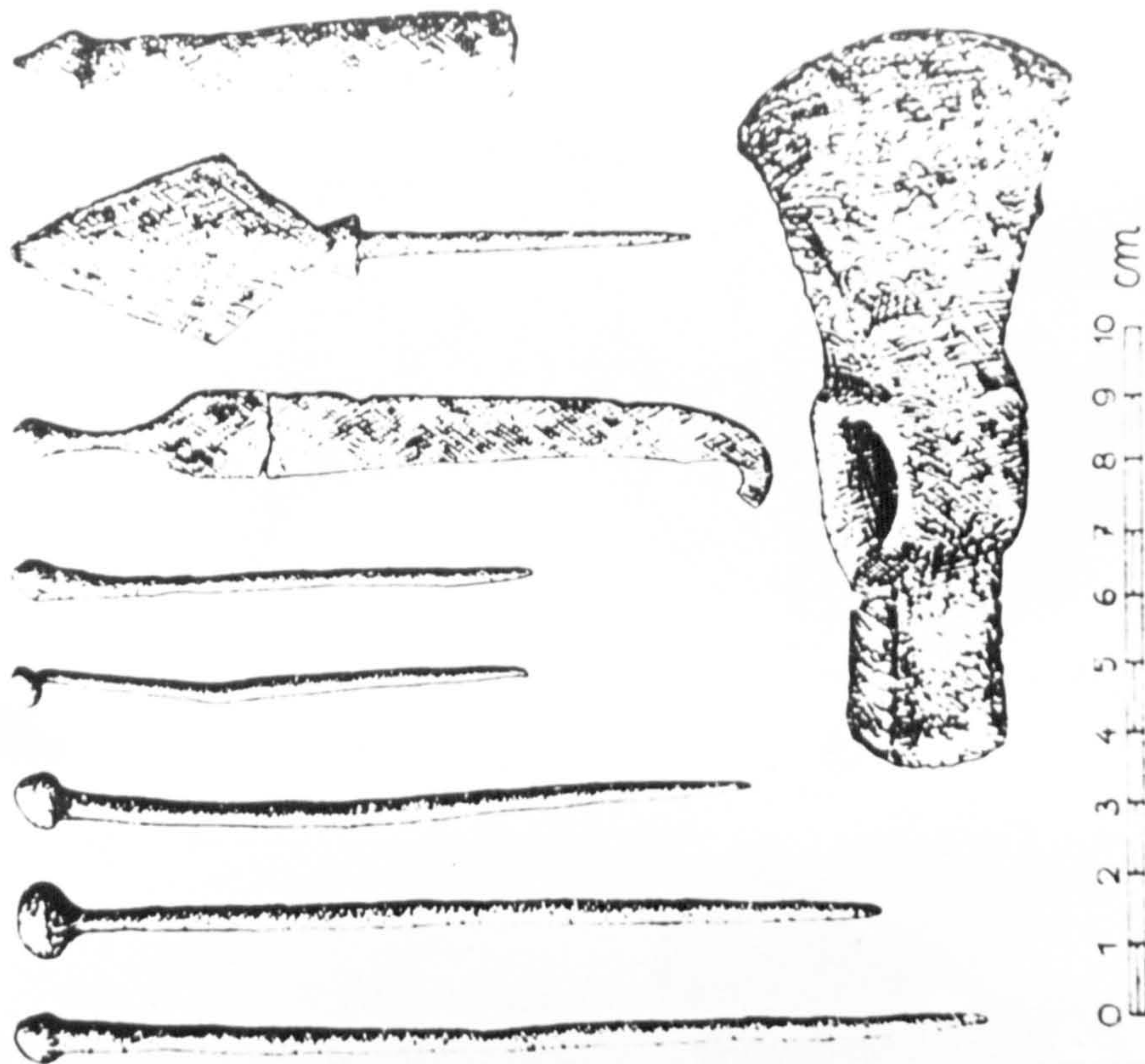
18



17

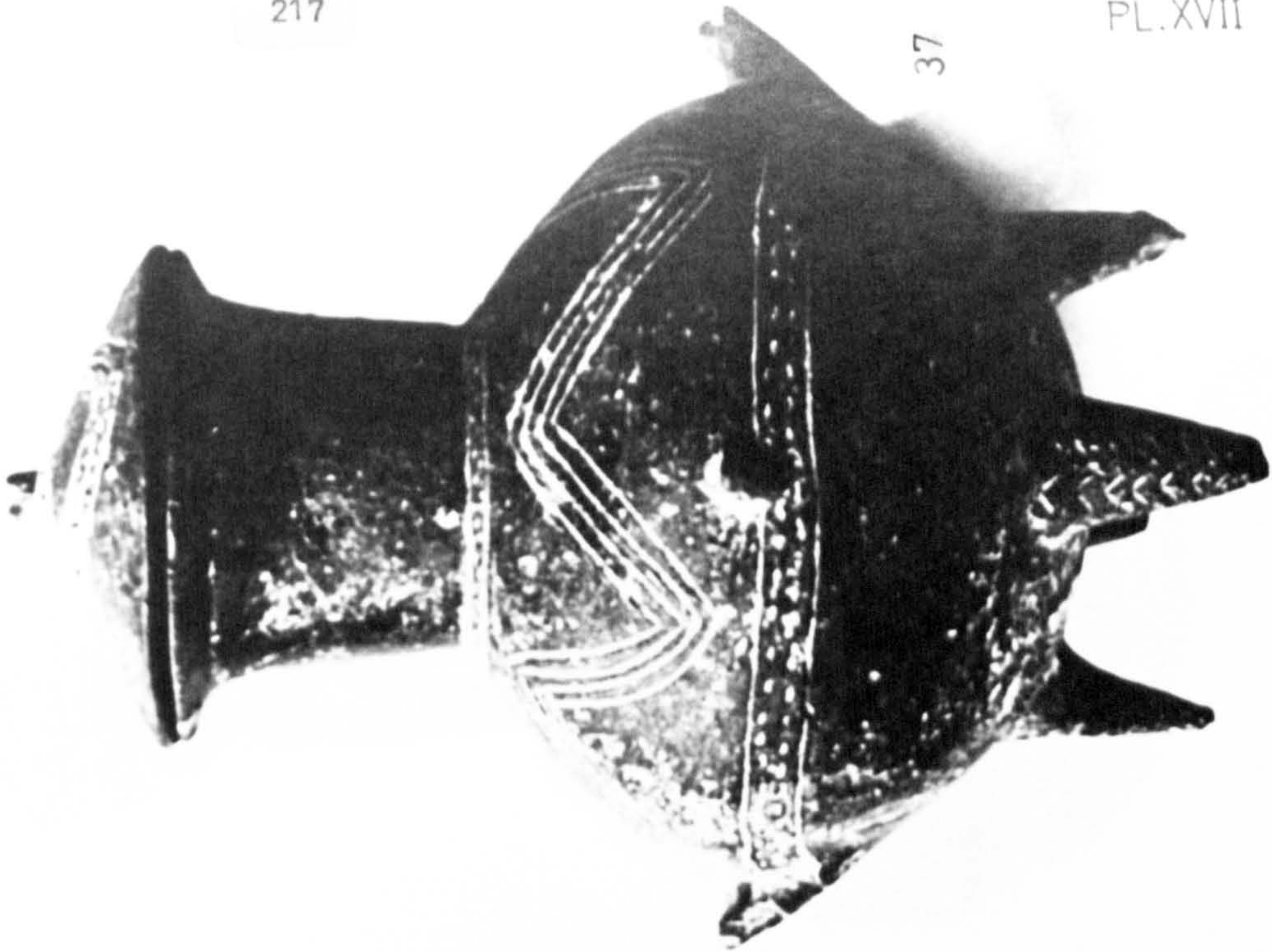


YORTAN FIGURINES



YORTAN METAL FINDS

37



217



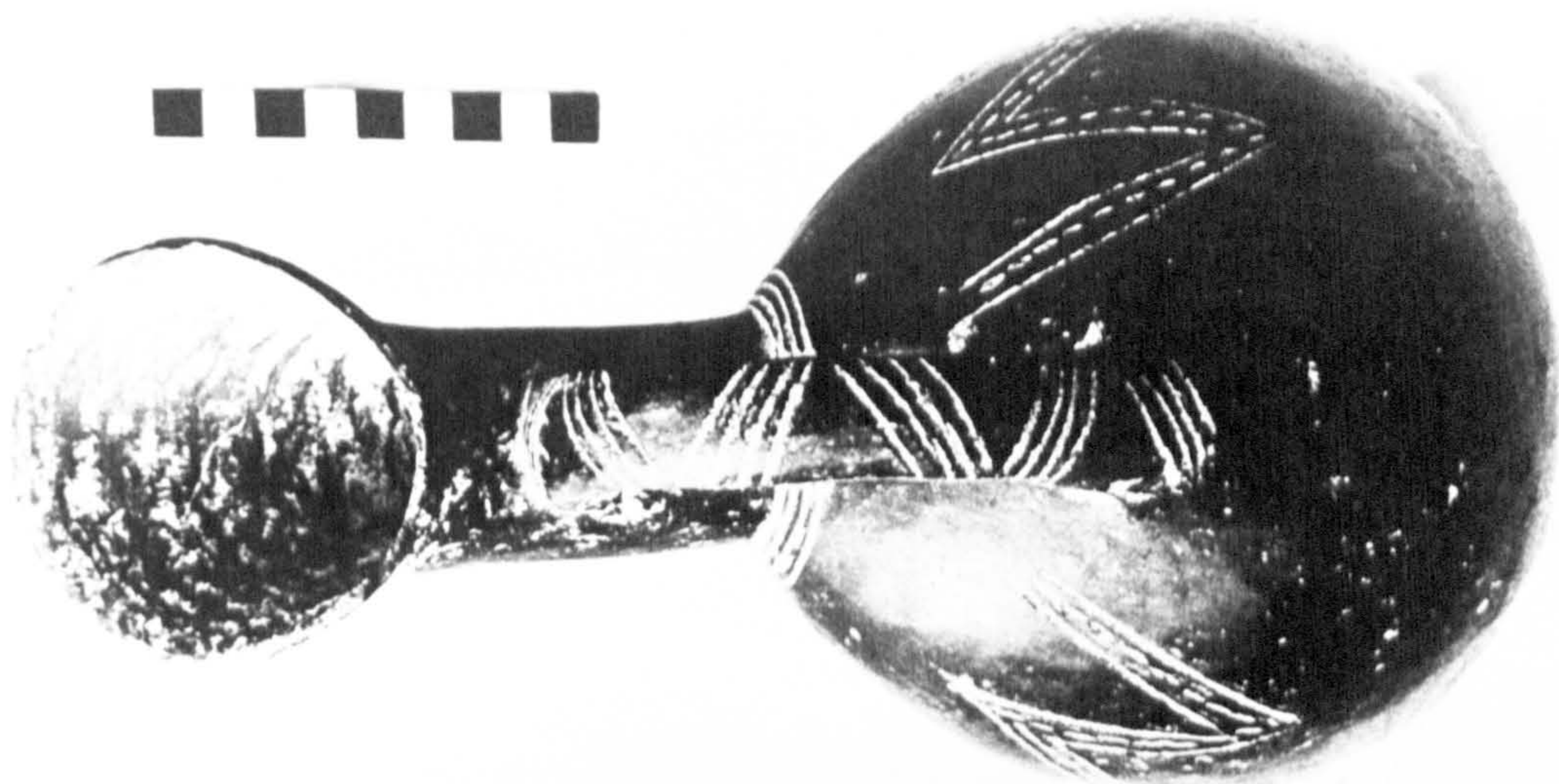
33



9

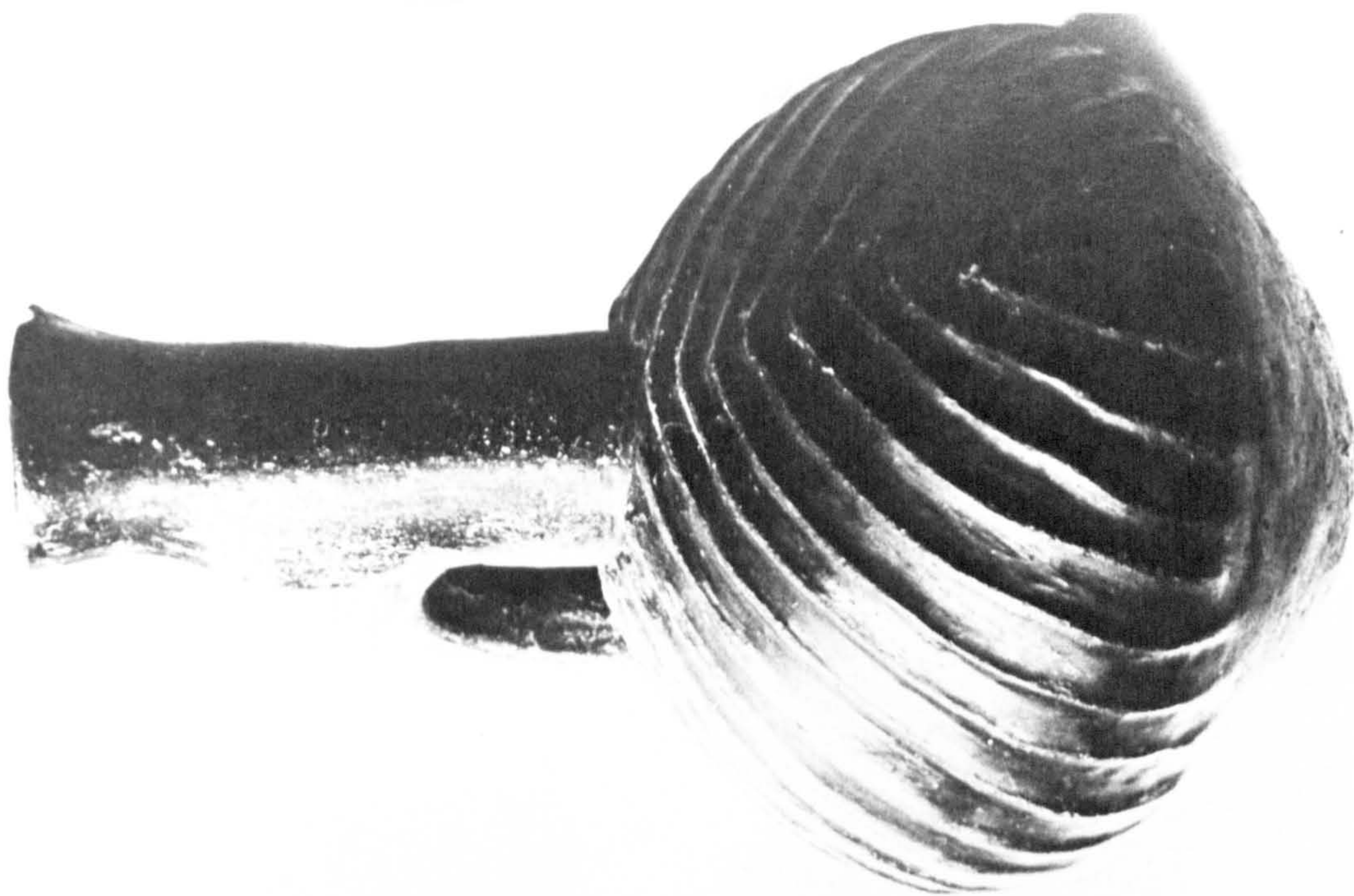


POTTERY OF
UNCERTAIN
PROVENANCE

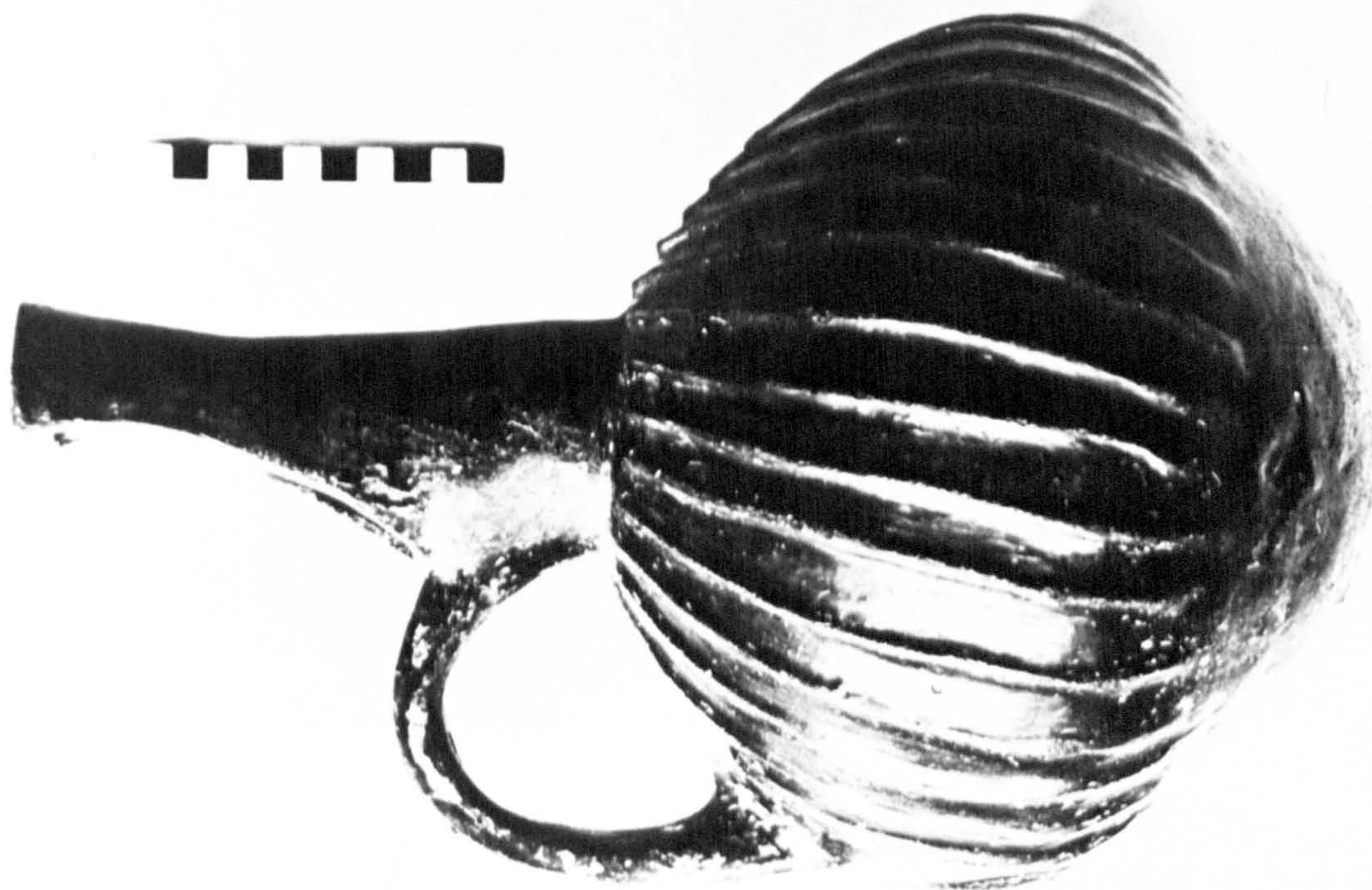


32





38





12



3



16



19



27

221



3

PL.XXI



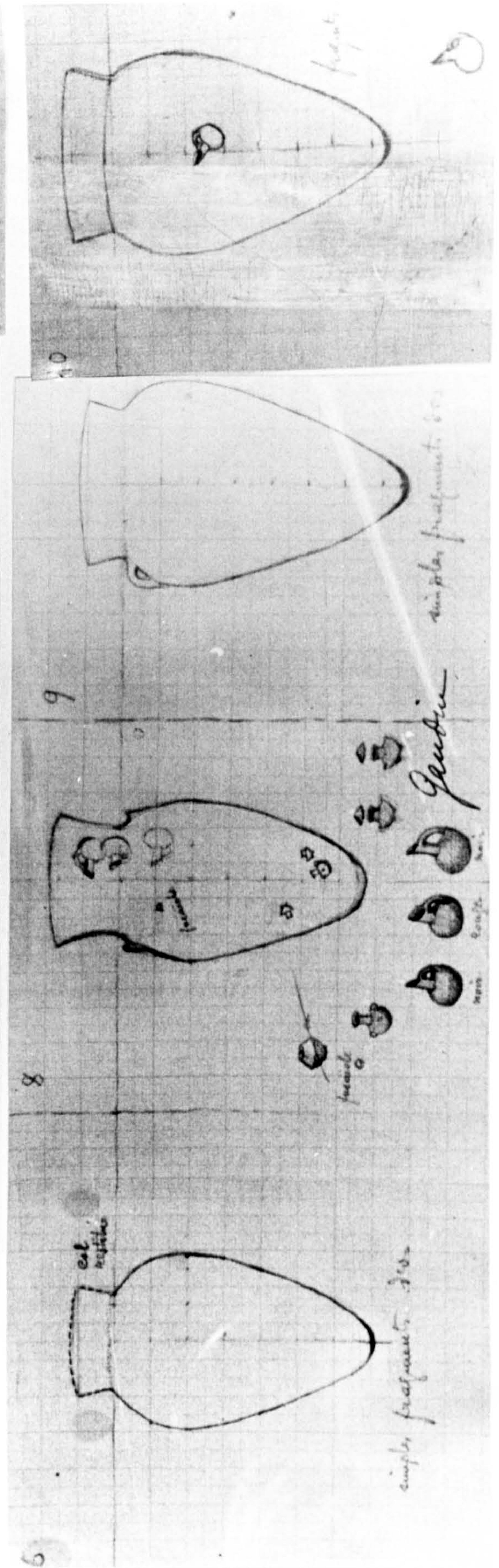
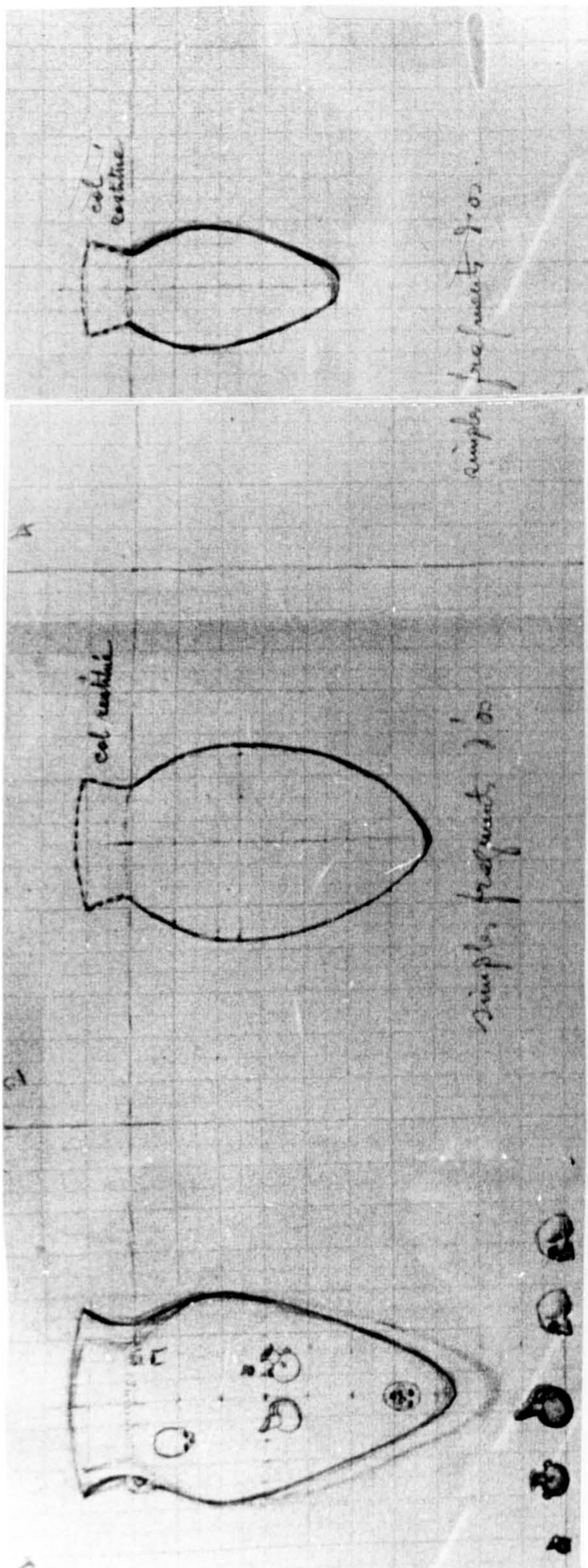
7

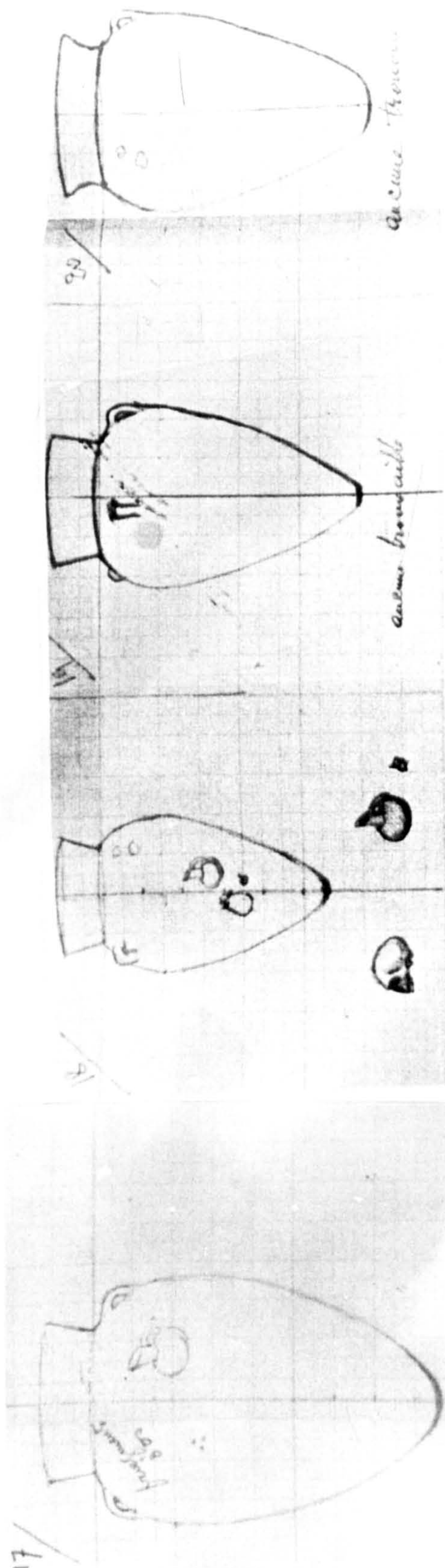
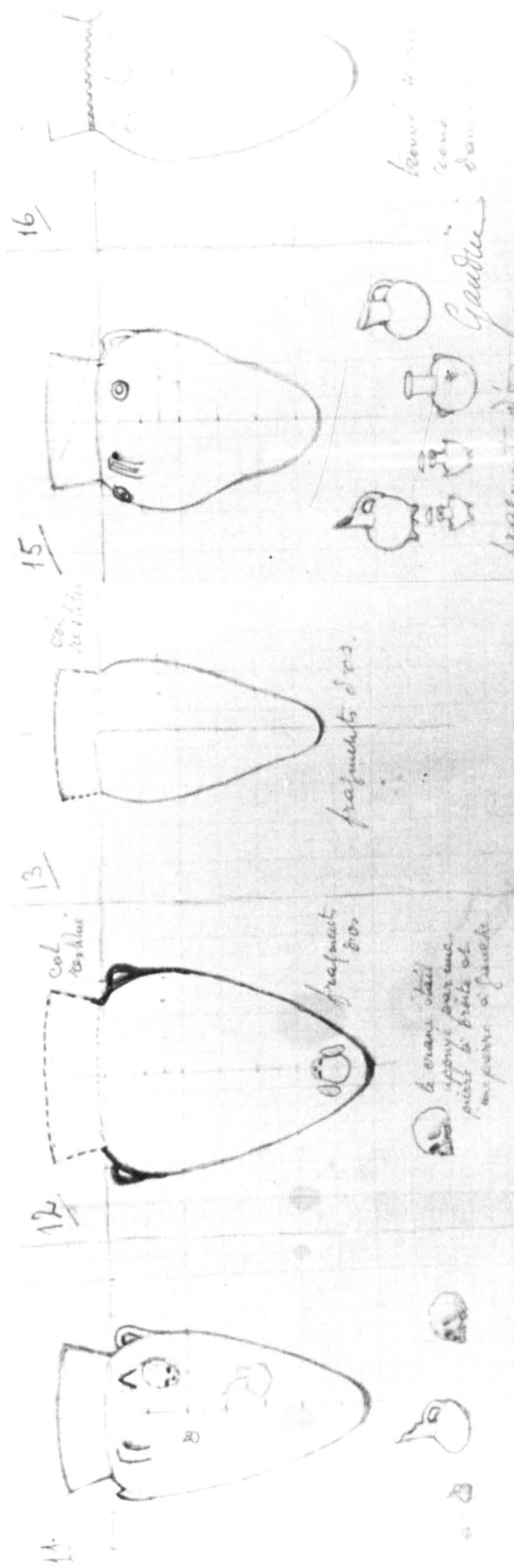


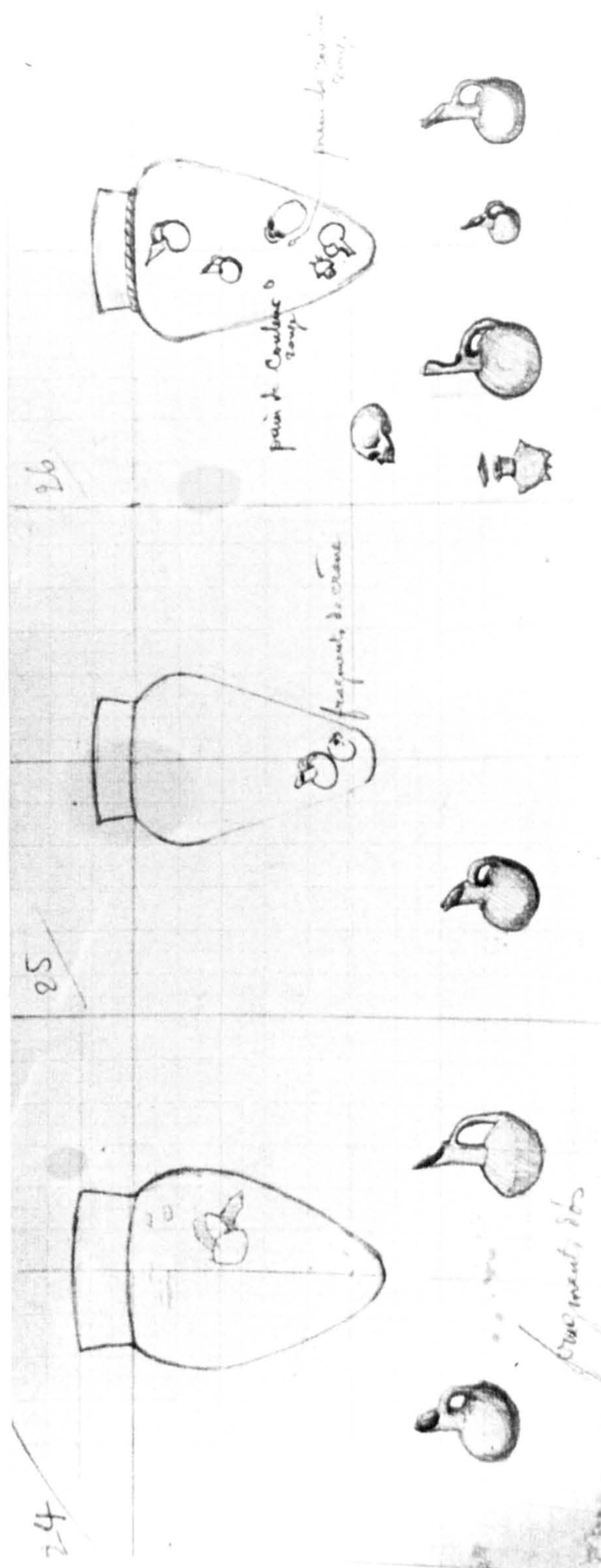
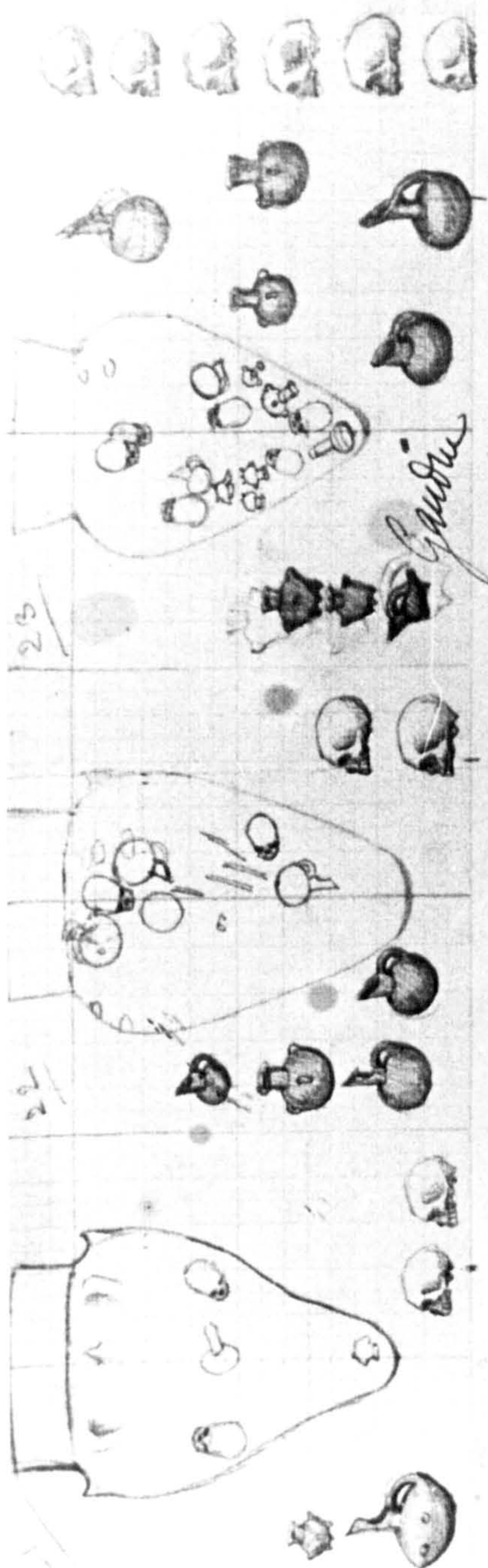
8



11







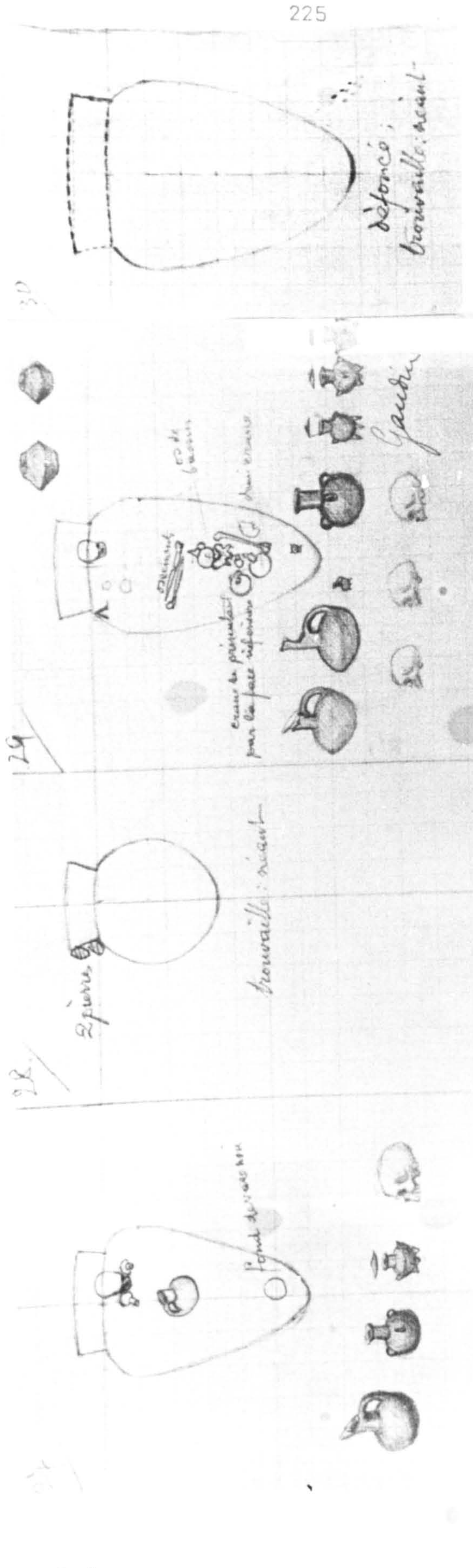
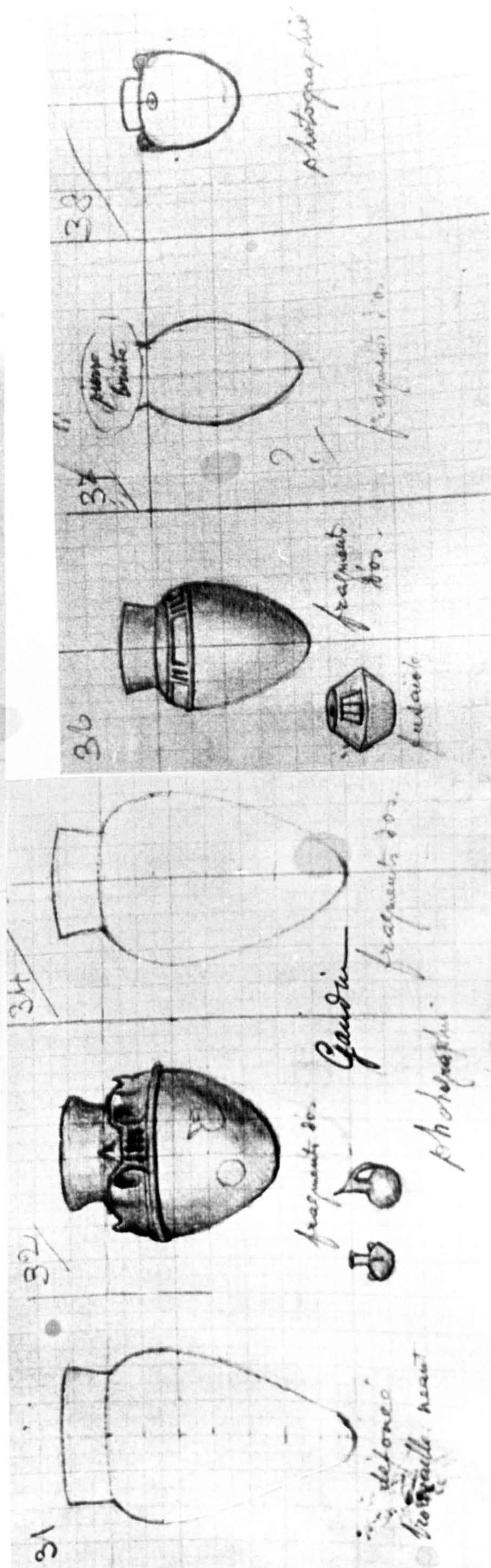


FIG. 4



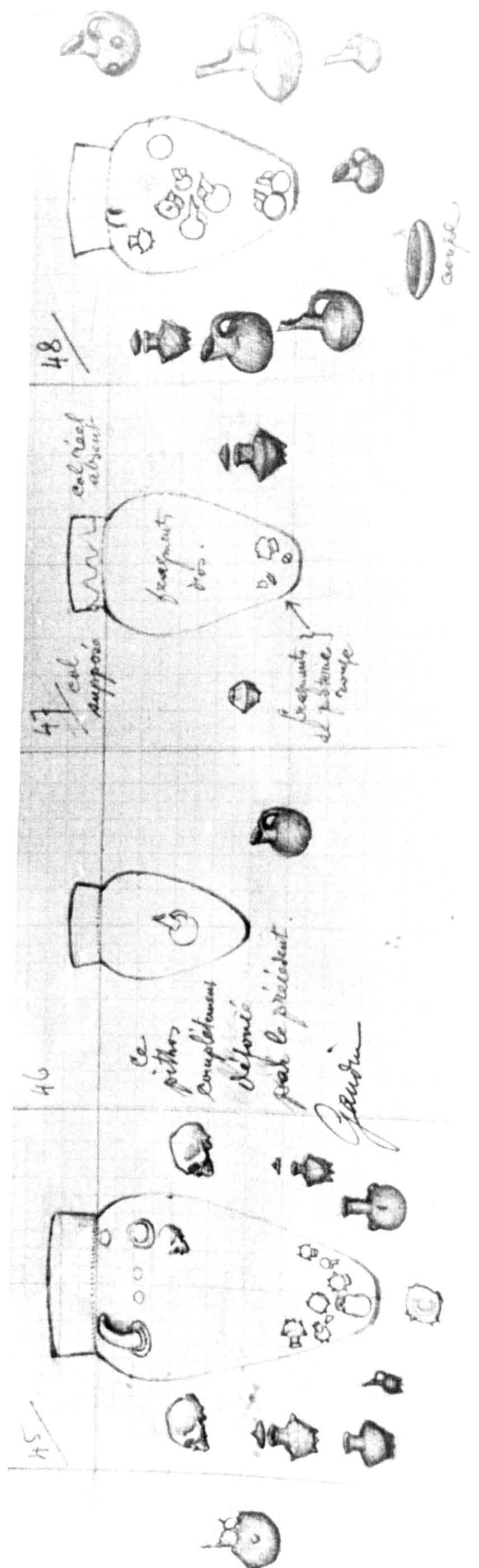
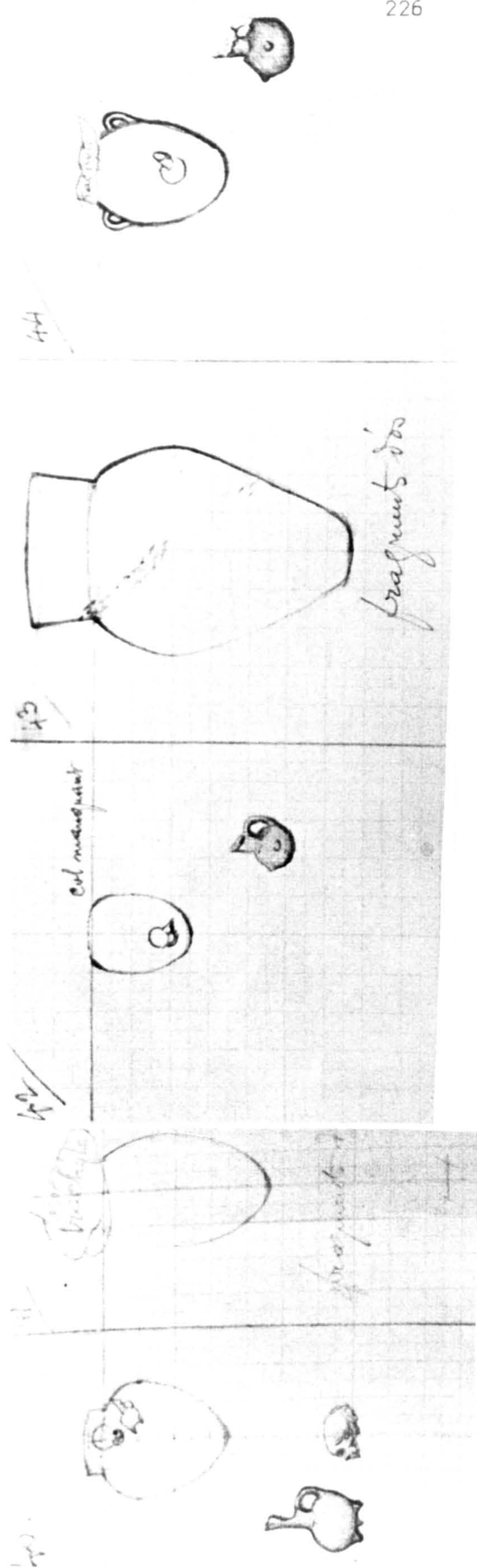
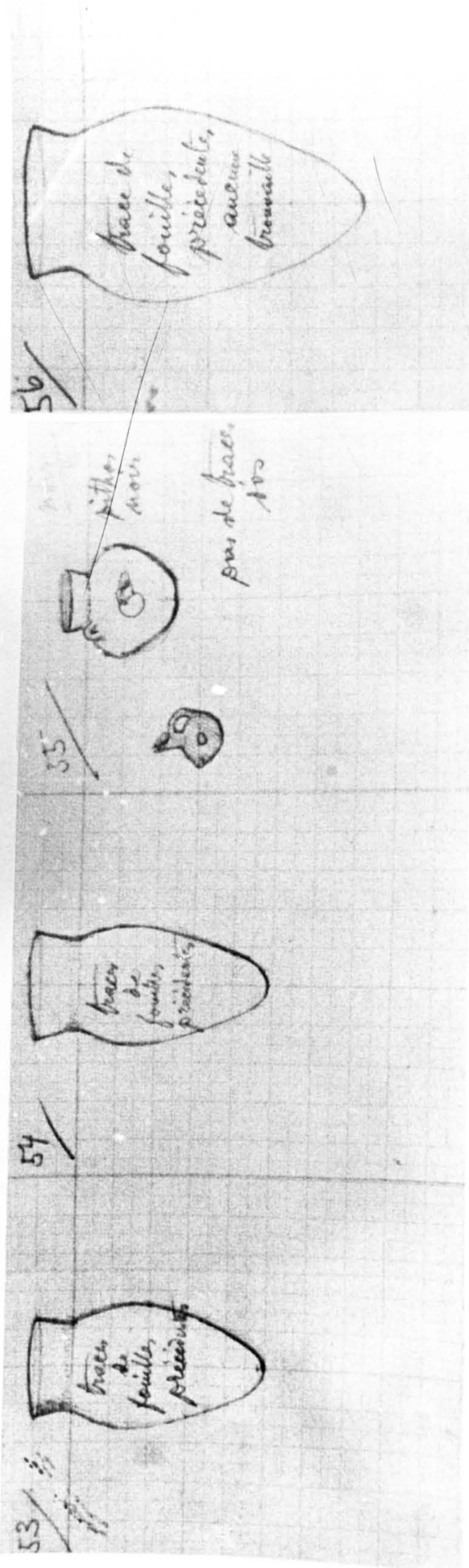
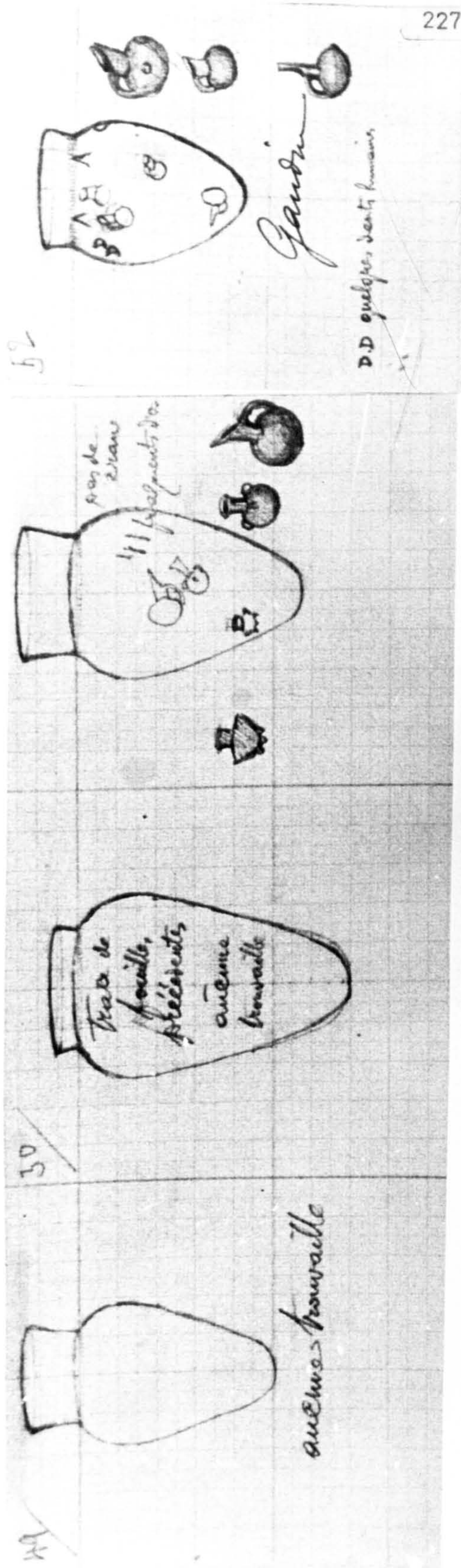


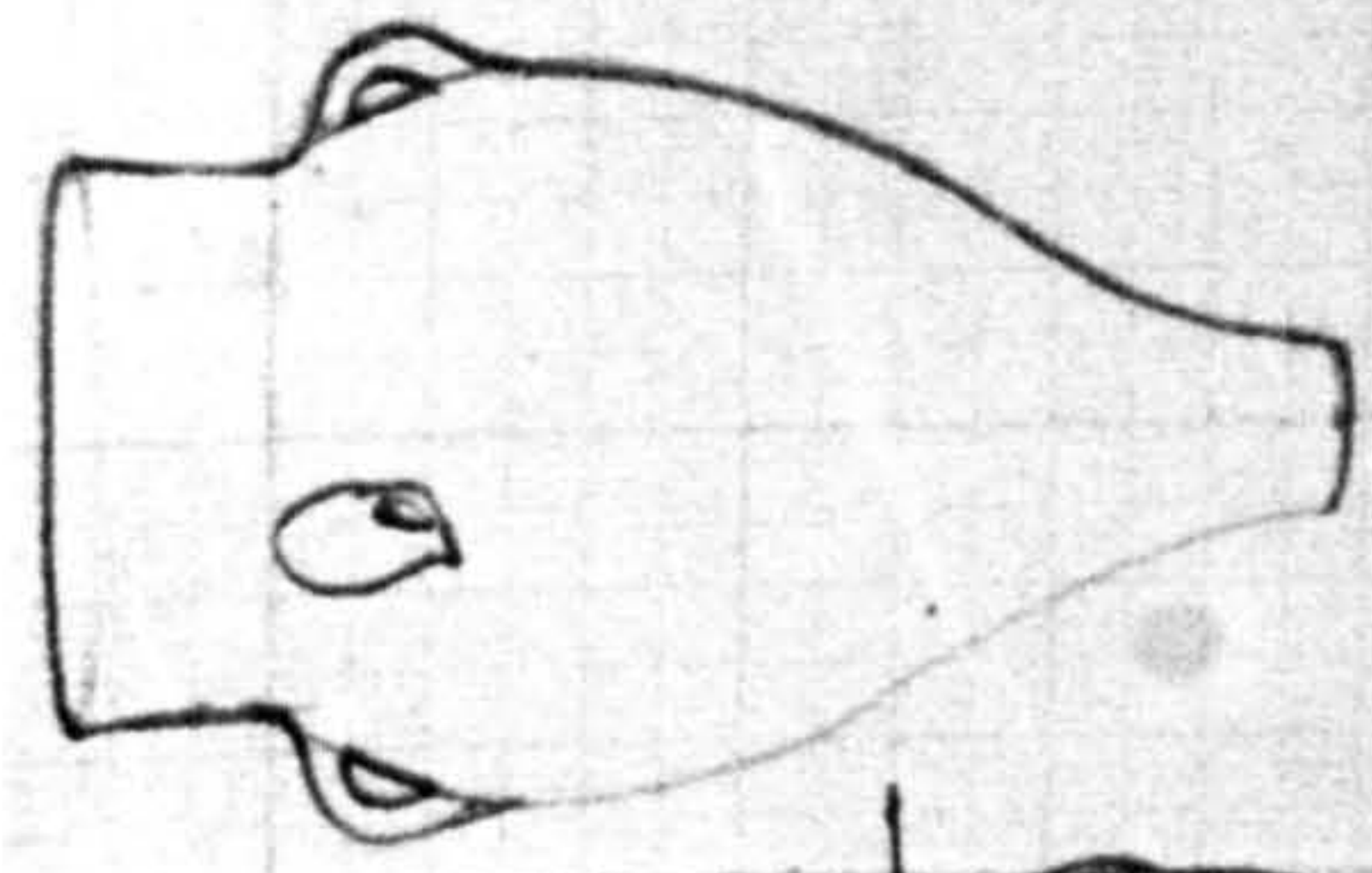
FIG. 5



57



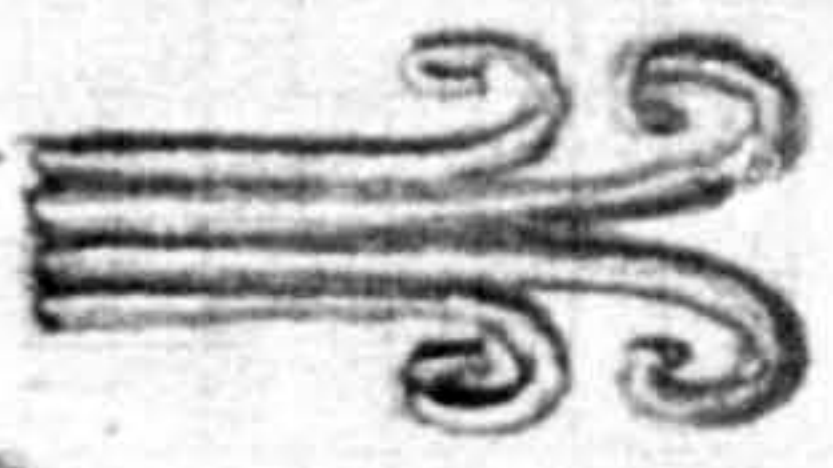
q3



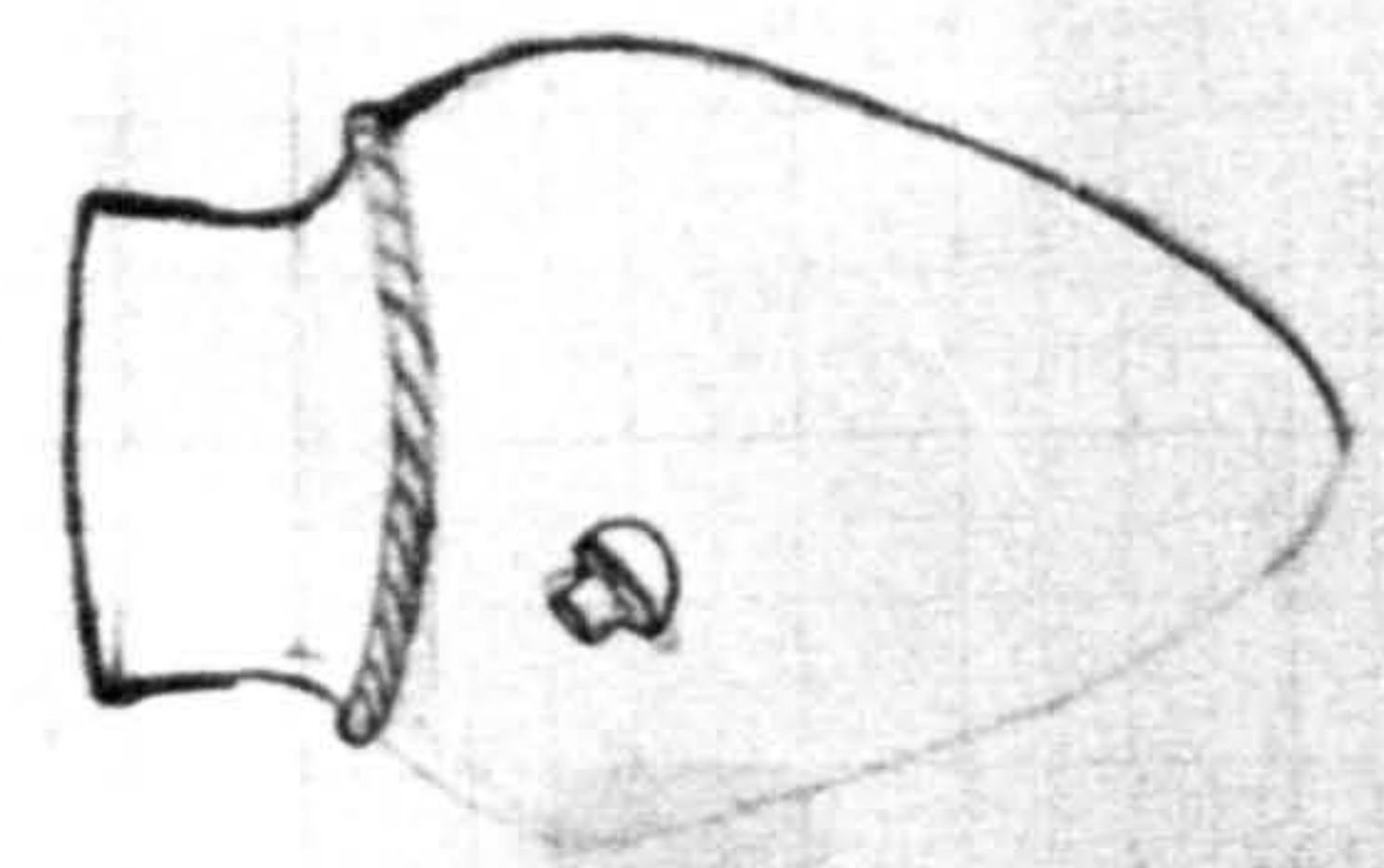
Gaudin



vasculu
adipato



58

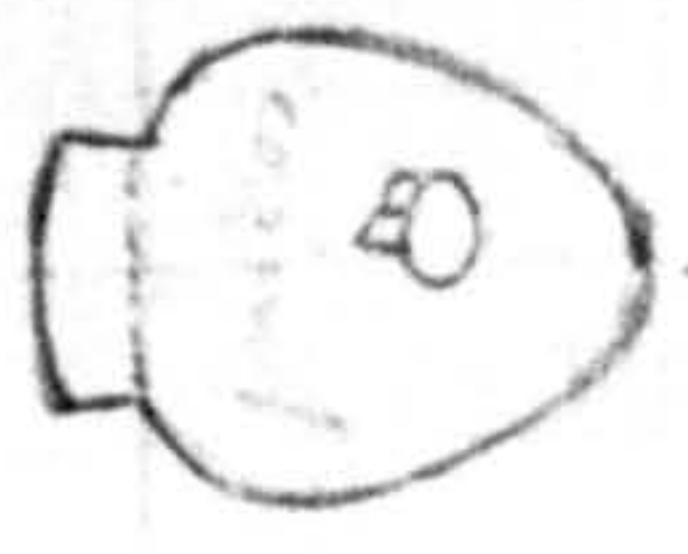


07



pas d'objets

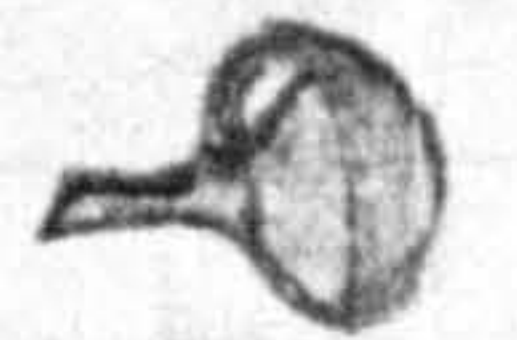
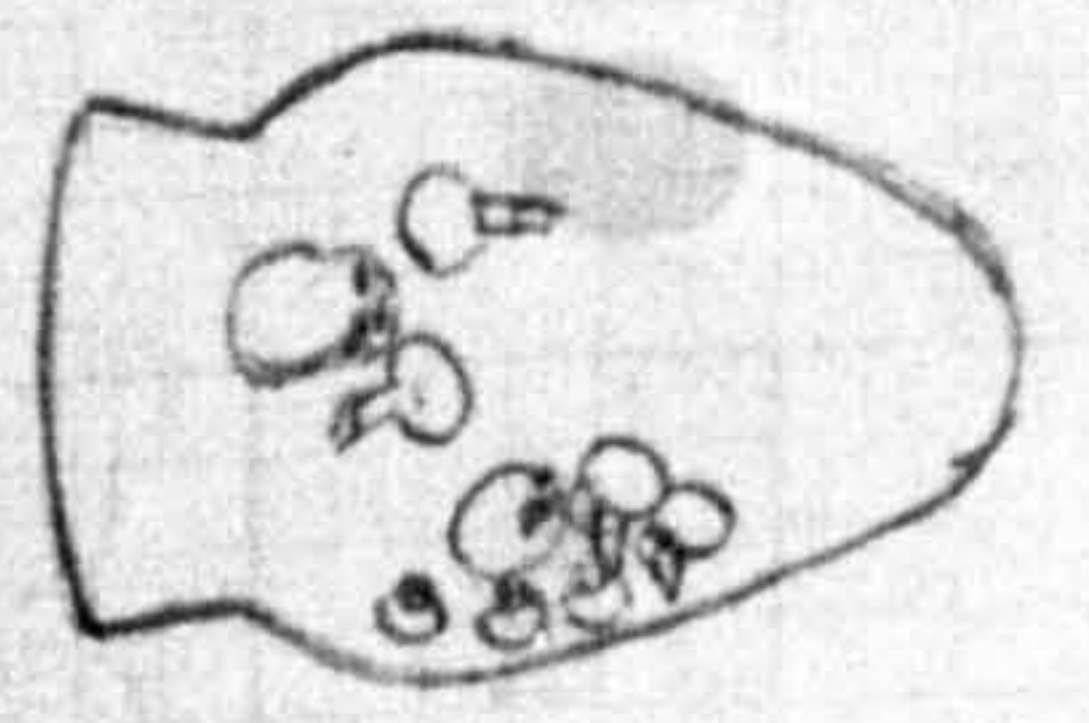
09



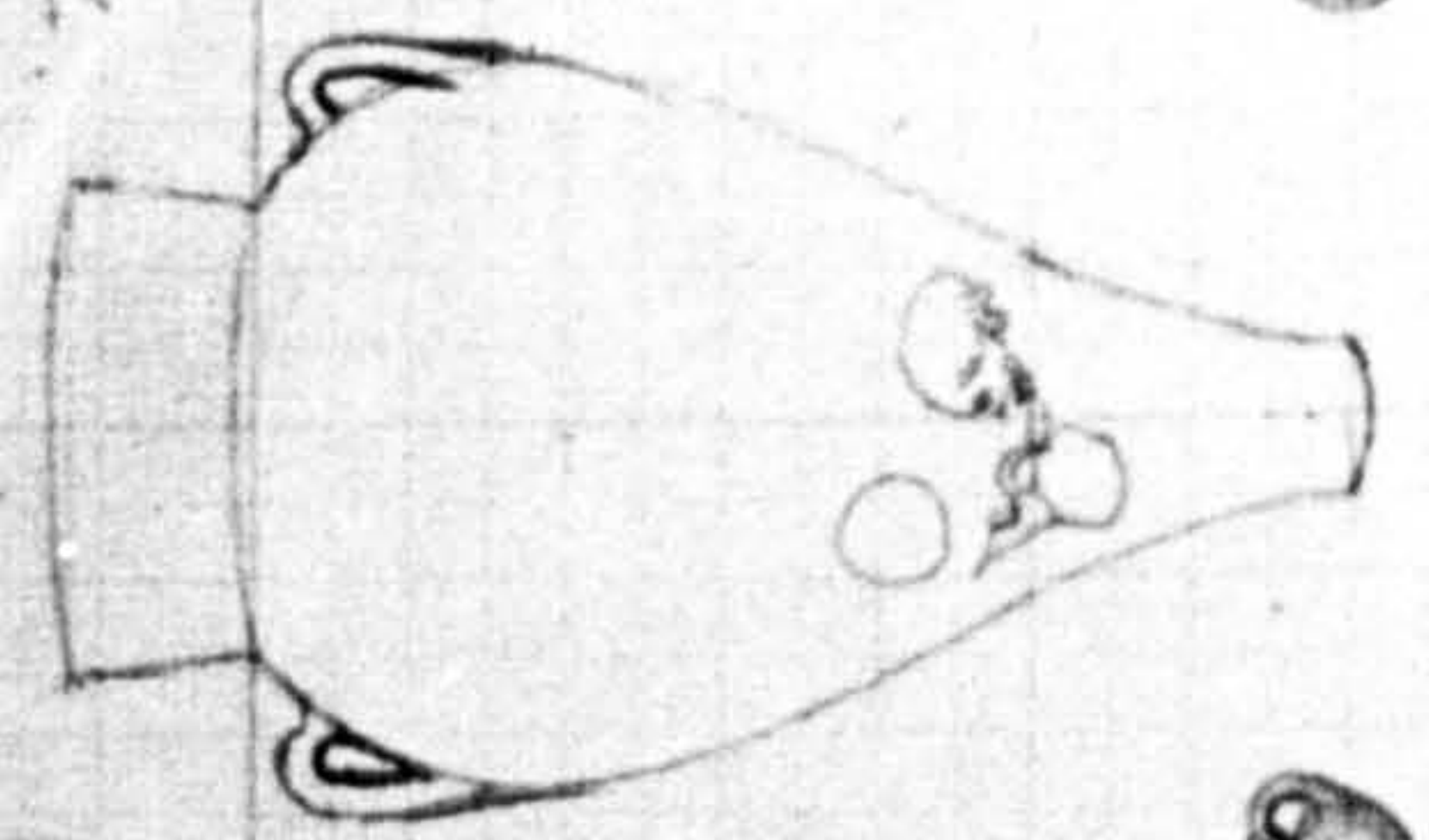
pitthos
noie

pas de traces des
frequents de vase
noir au centre

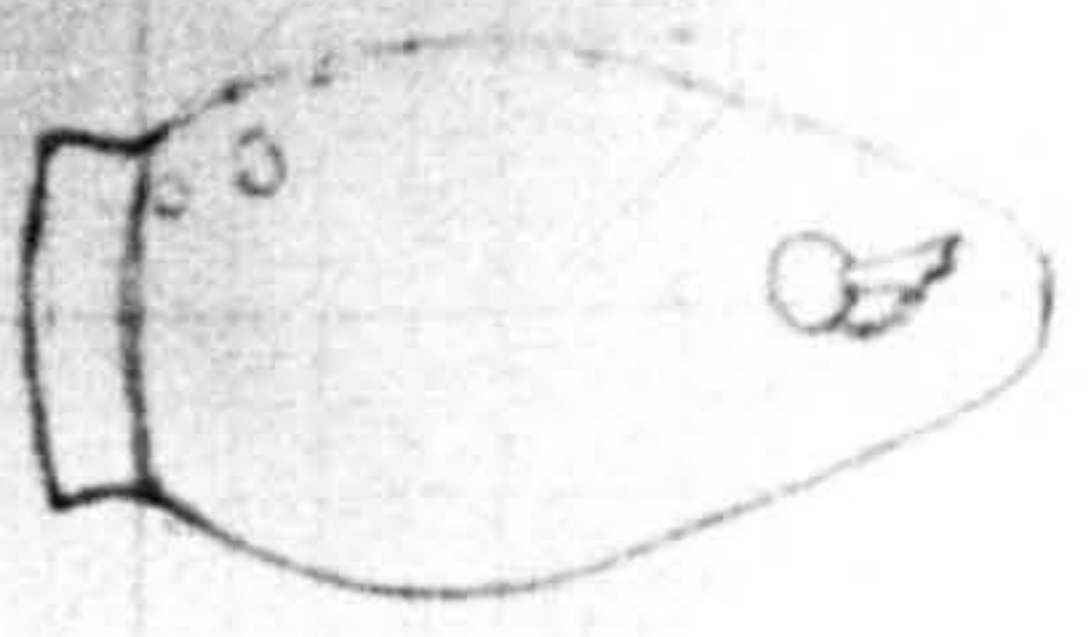
06



q5



q4



Gaudin

FIG. 7

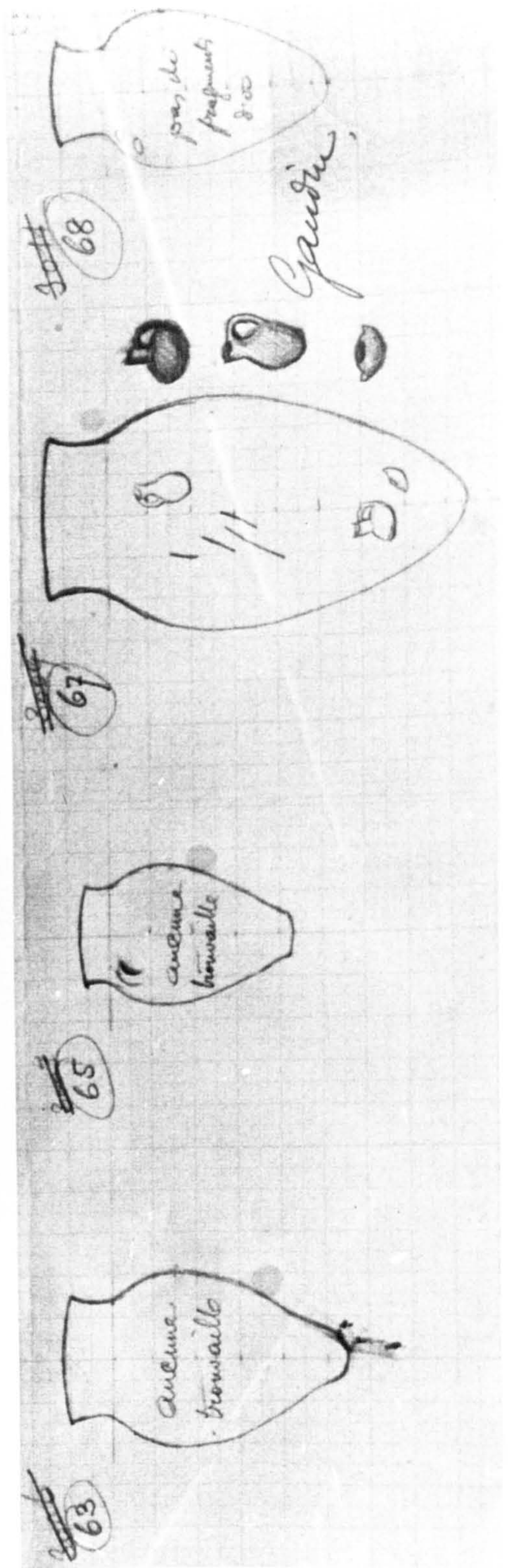
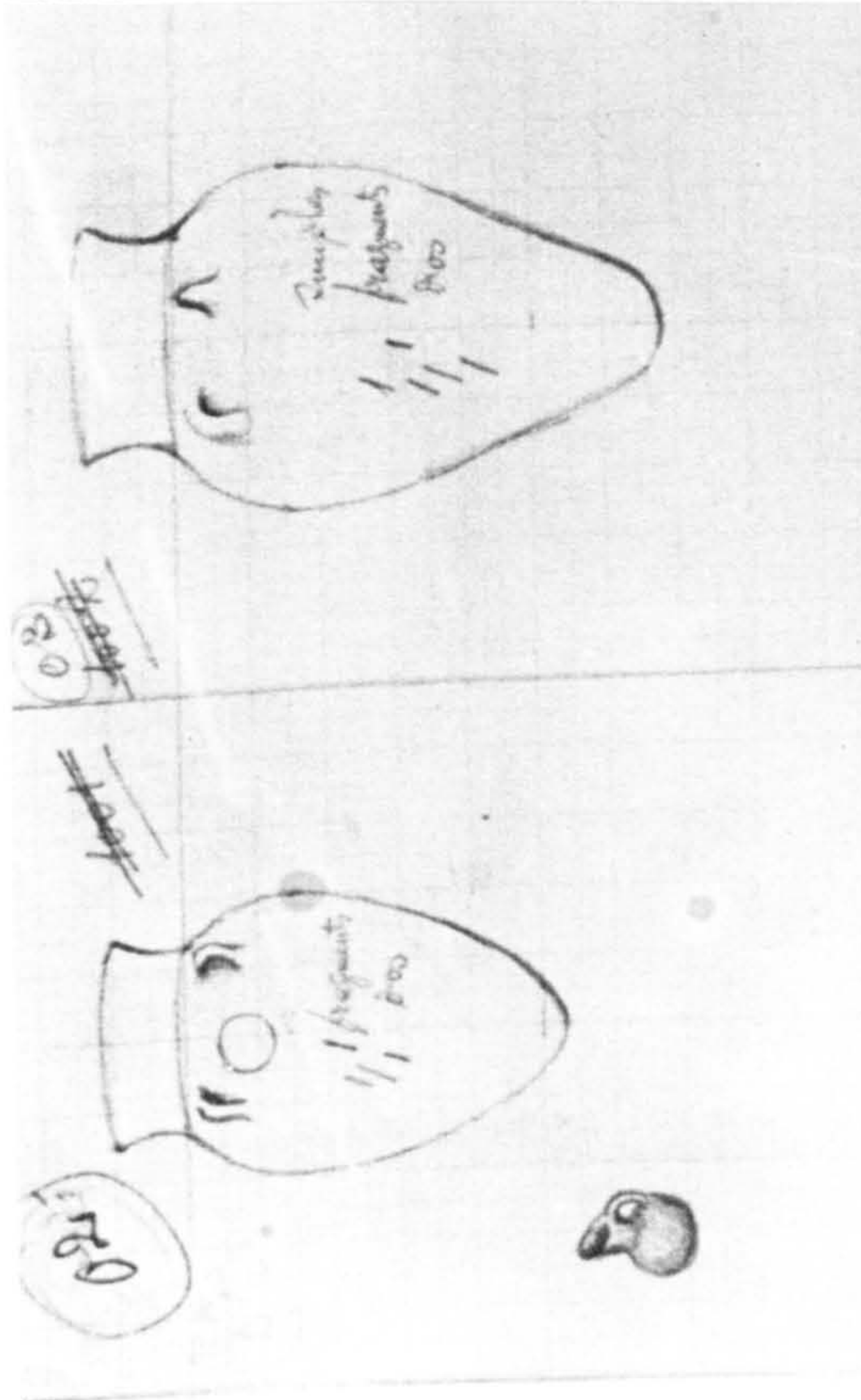
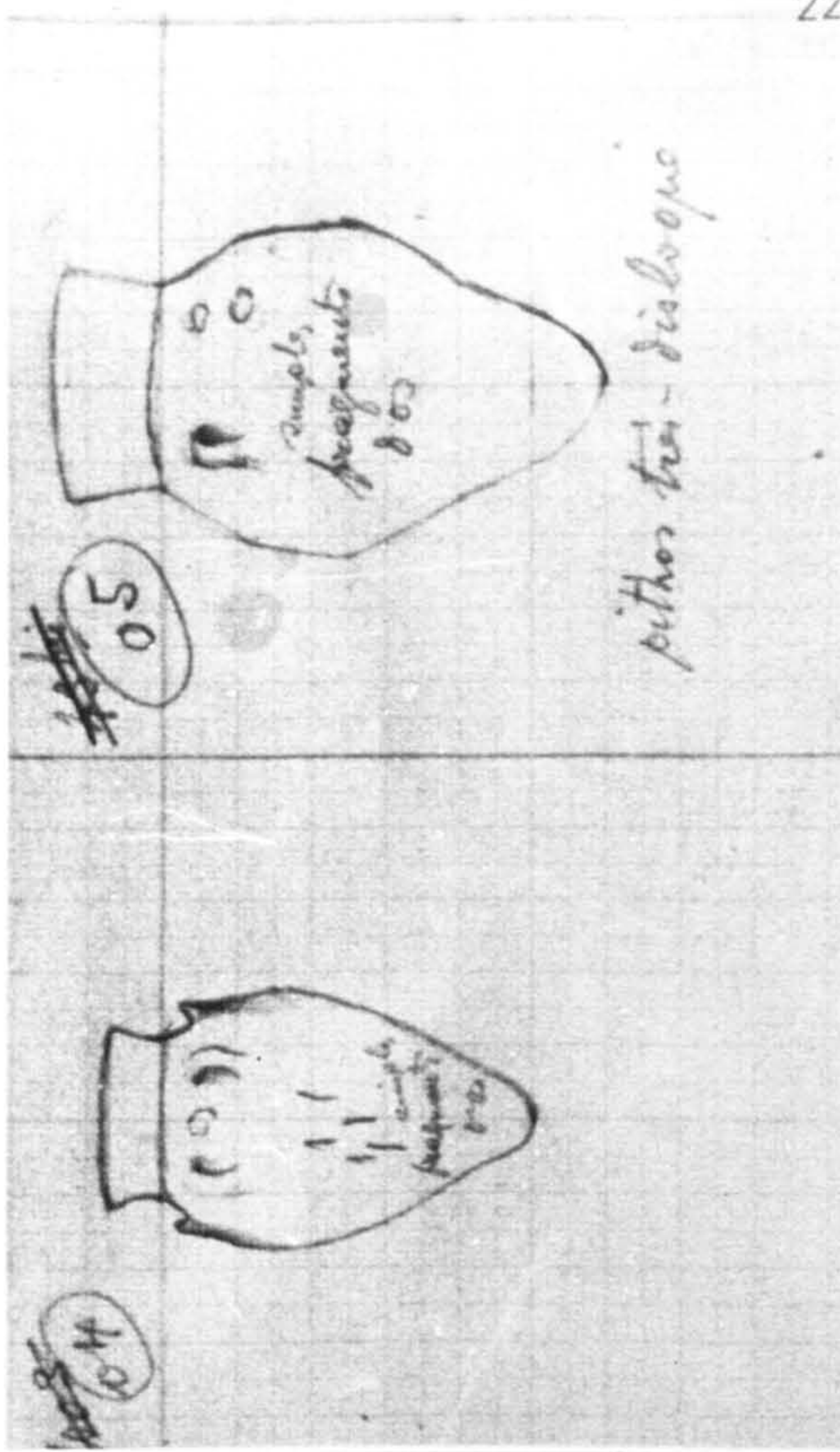


FIG. 8

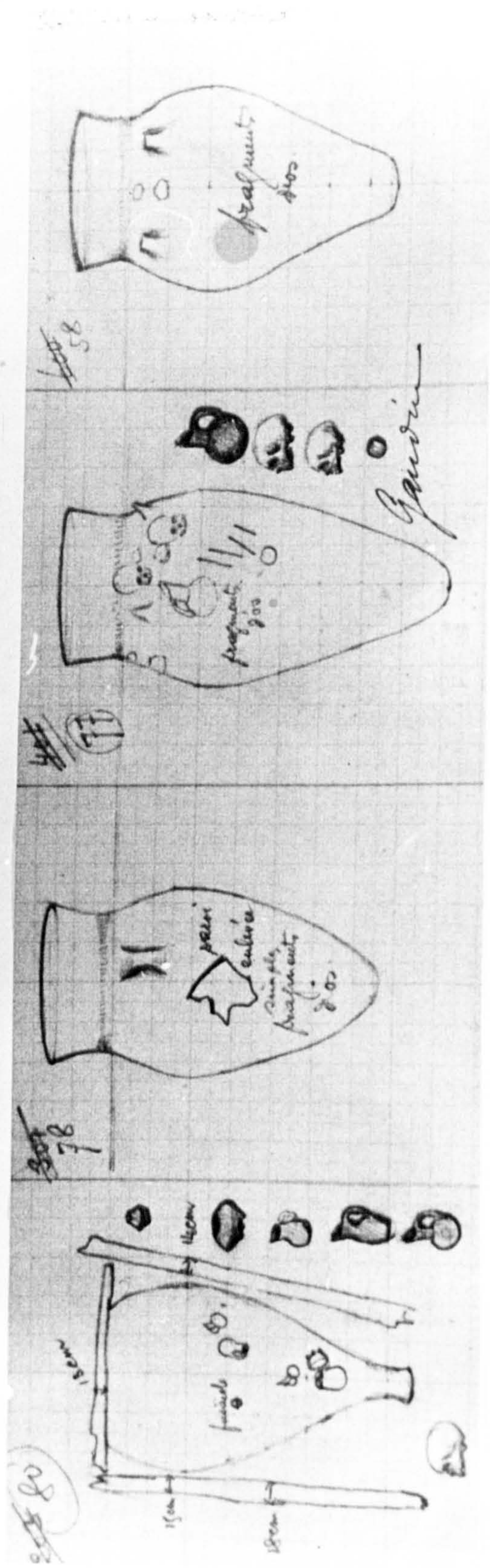
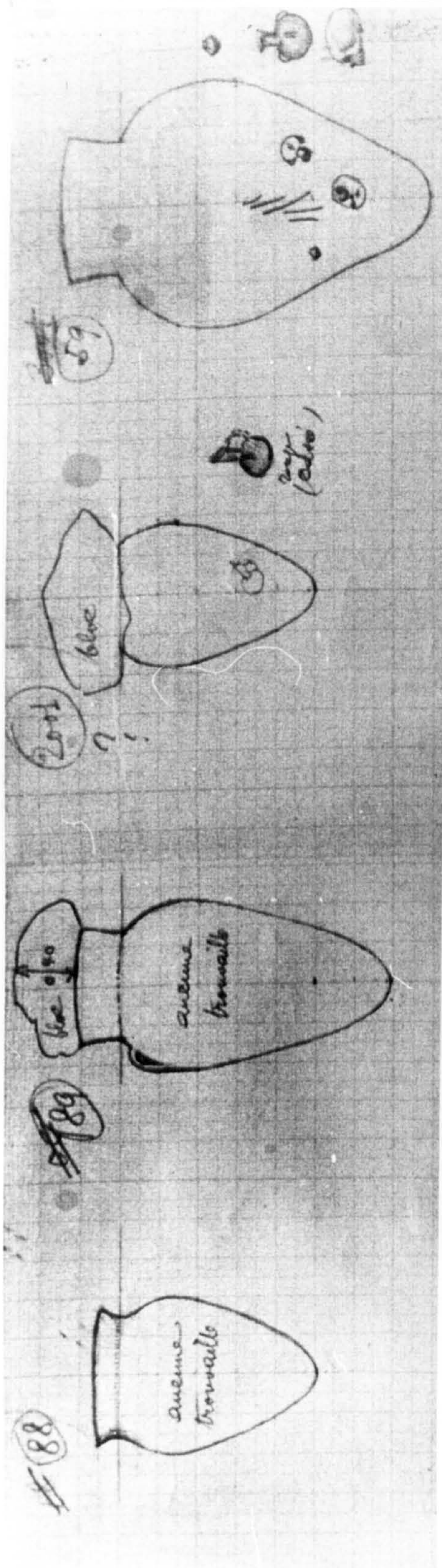


FIG.9

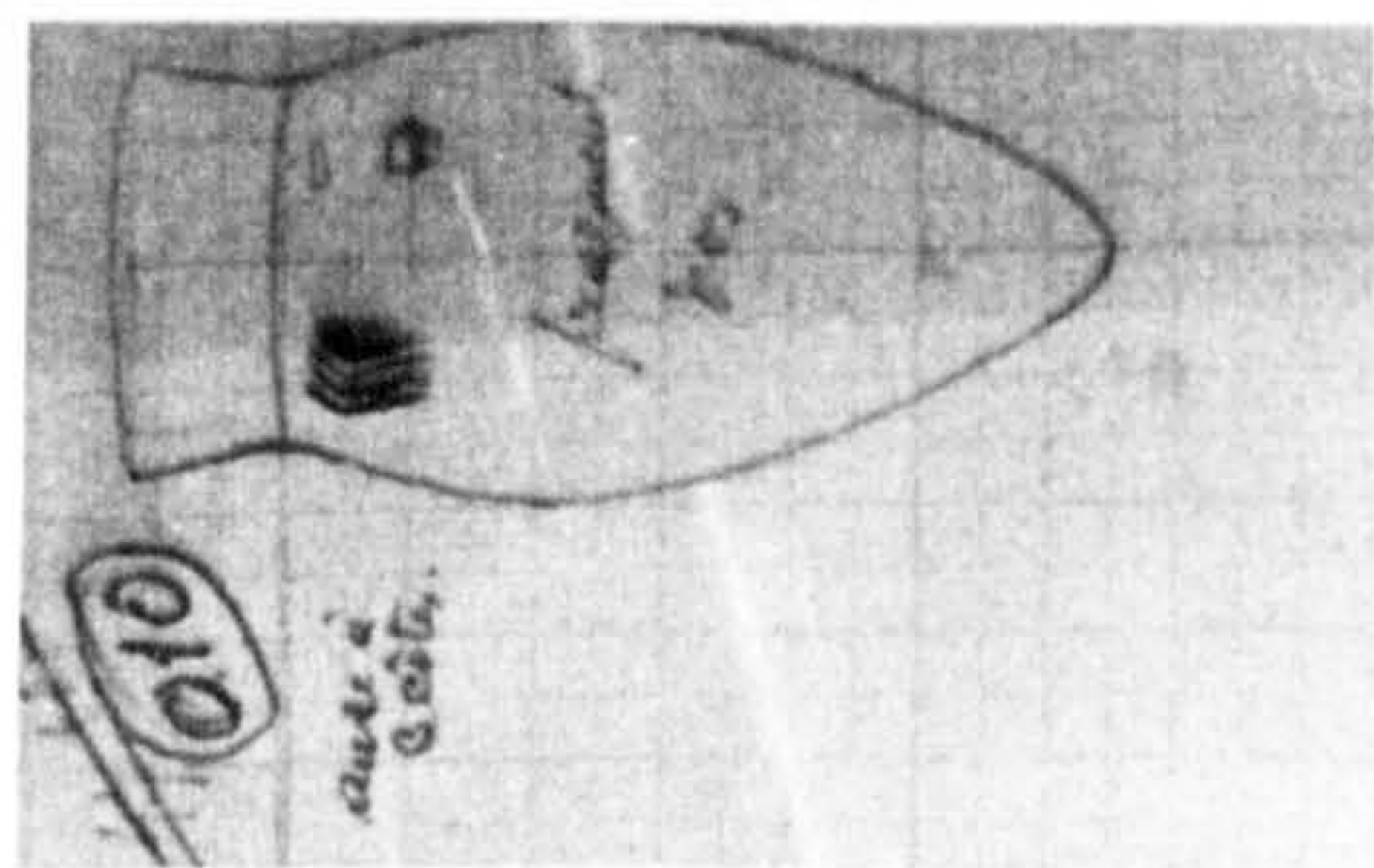
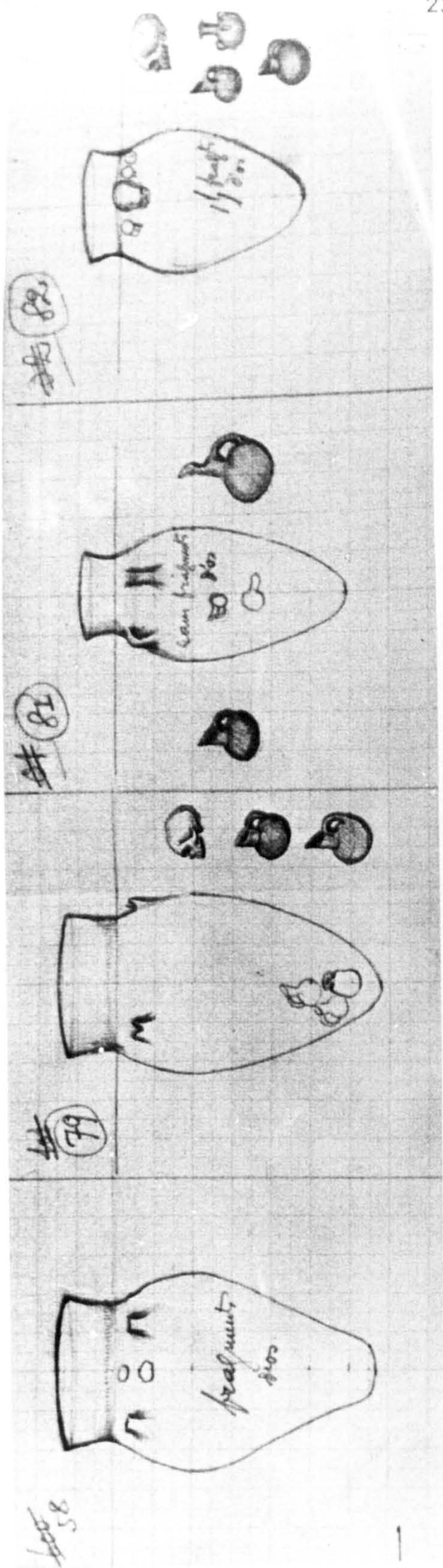


FIG.10

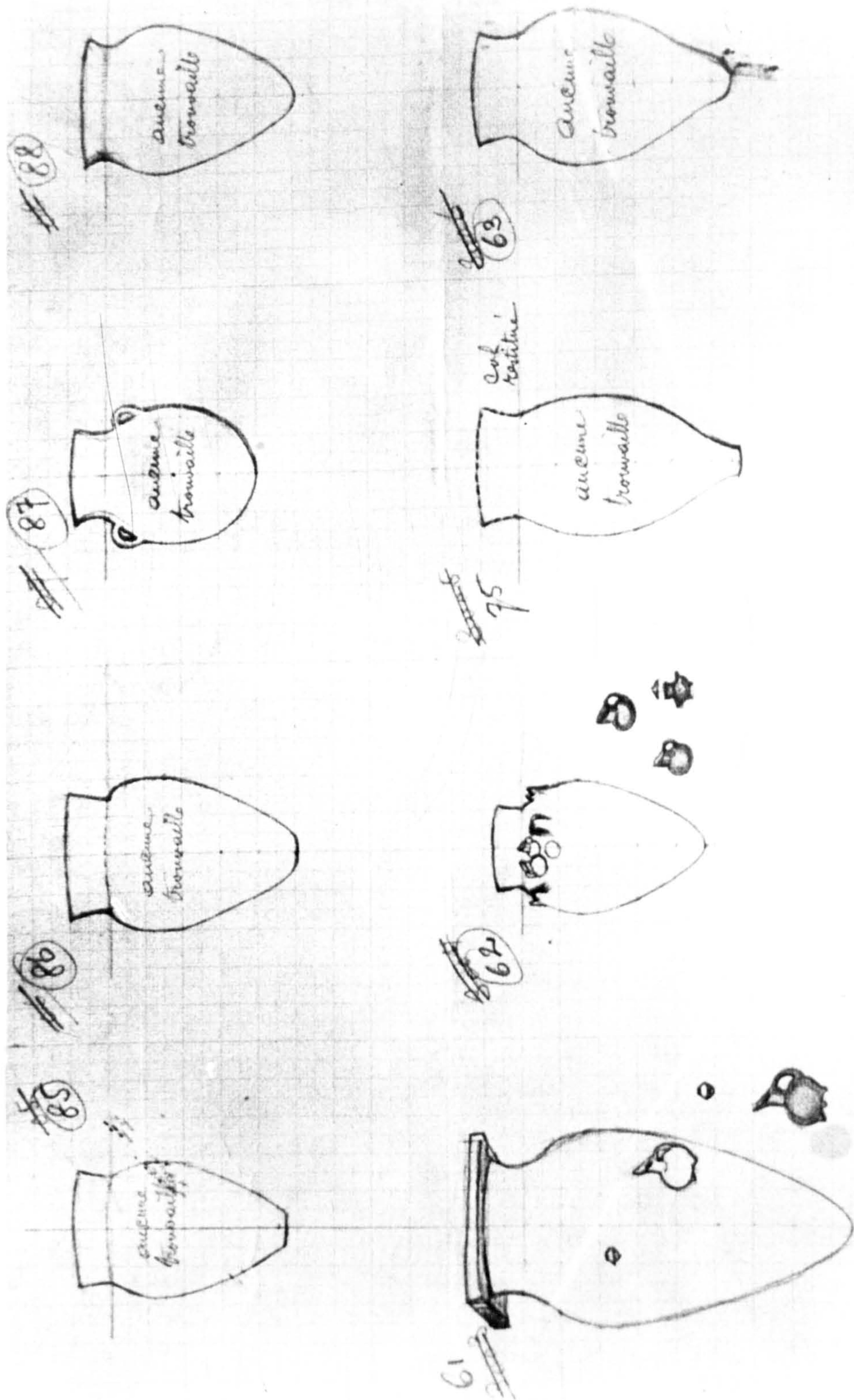
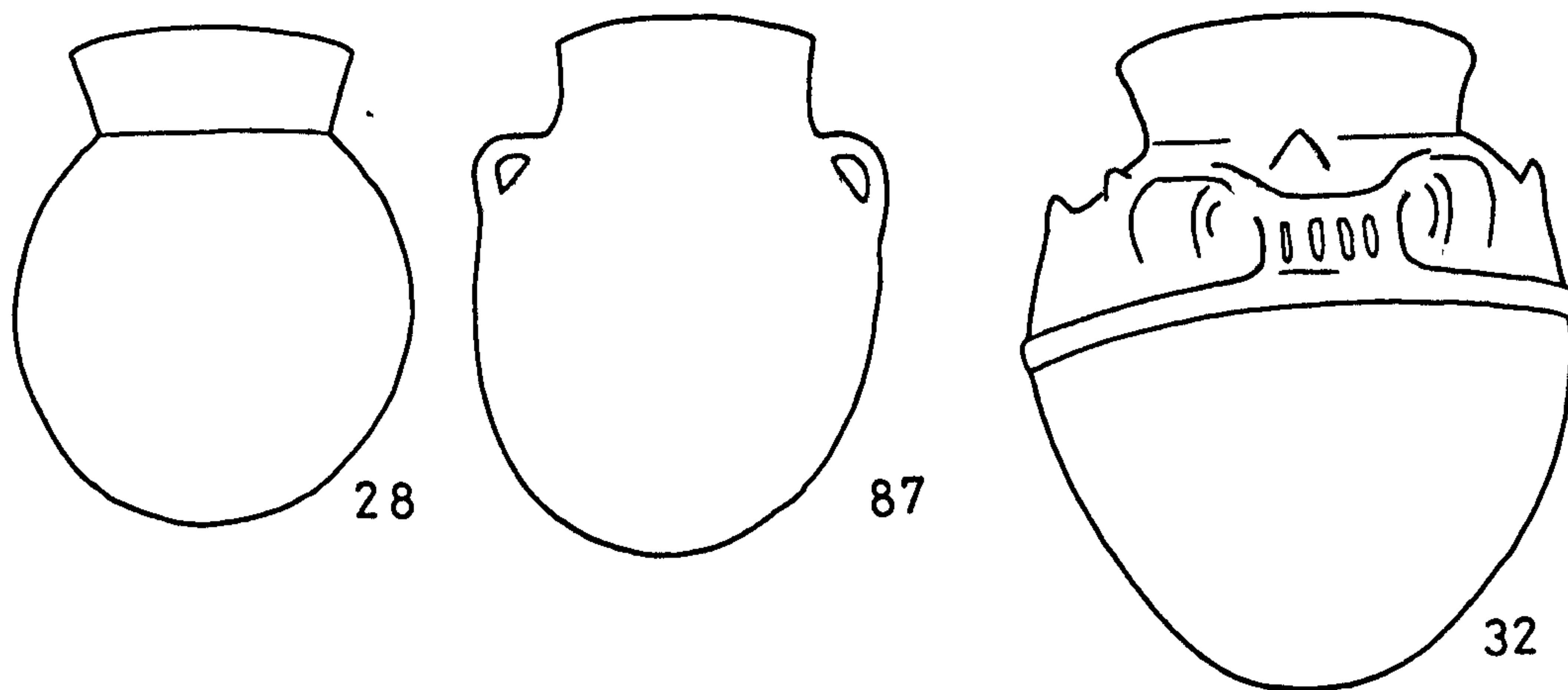
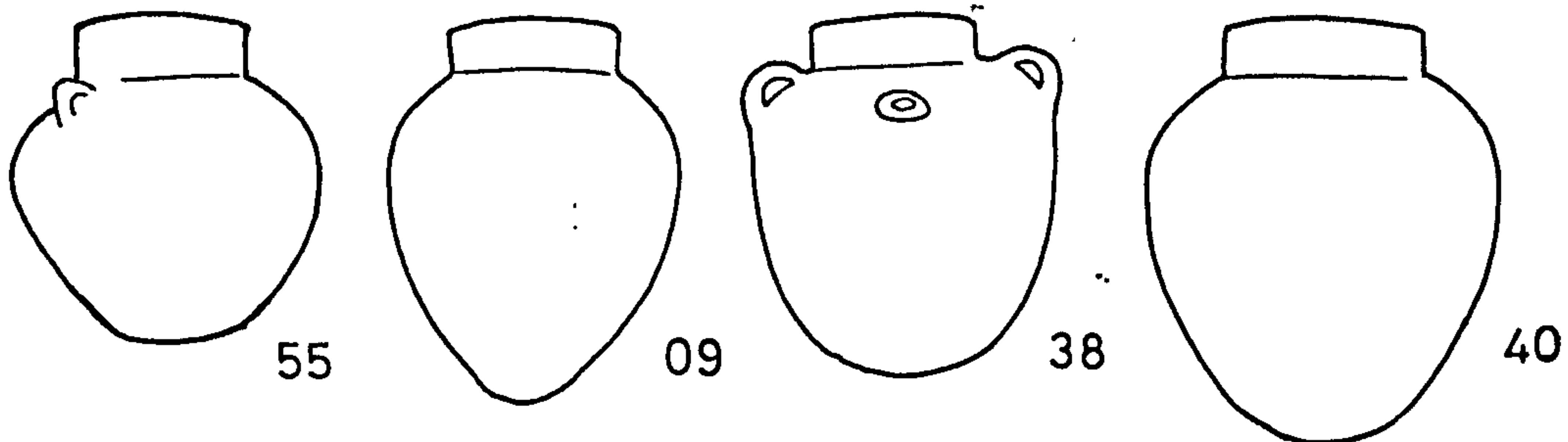


FIG.11

YORTAN BURIAL PITHOI

Shape.1



Shape.2

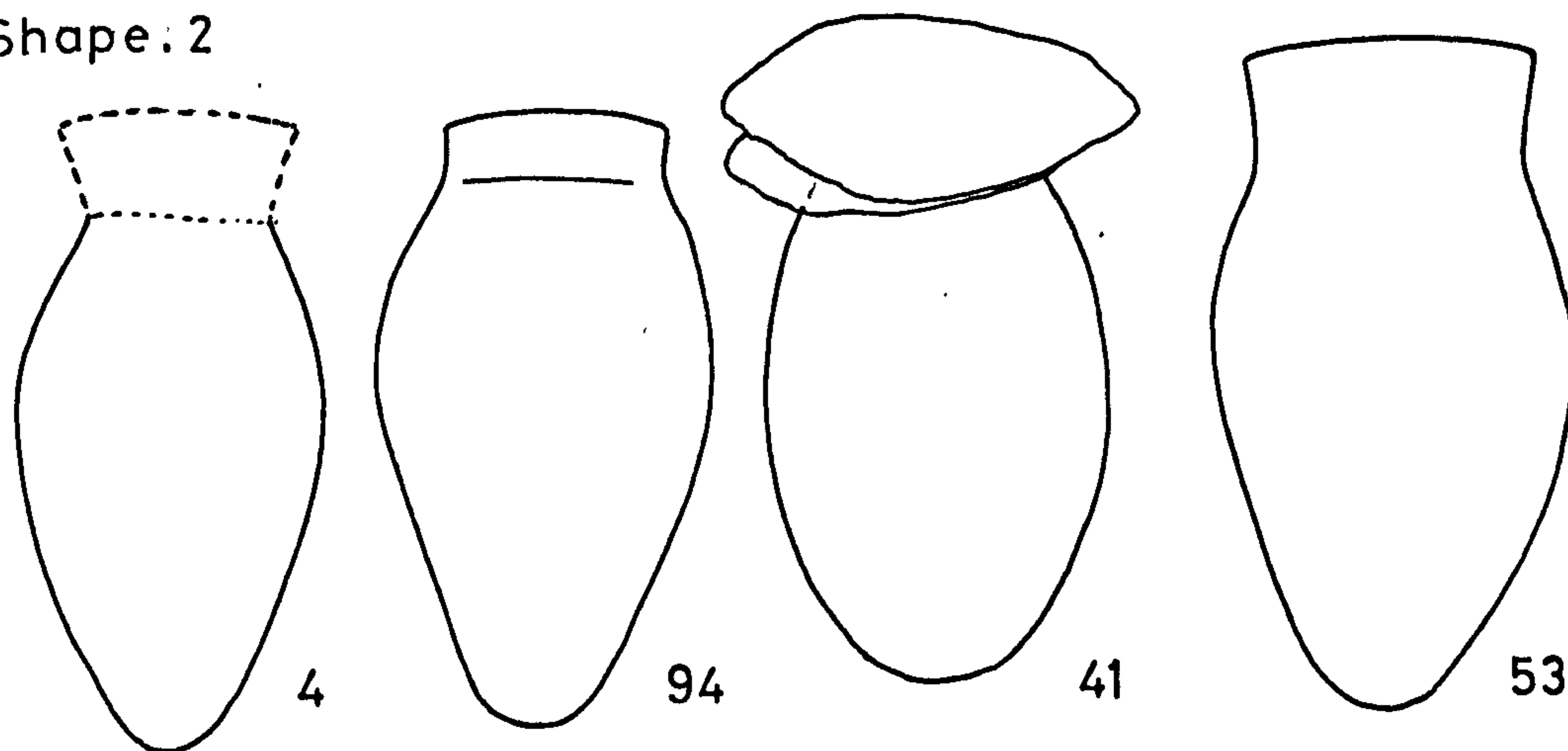


FIG. 12



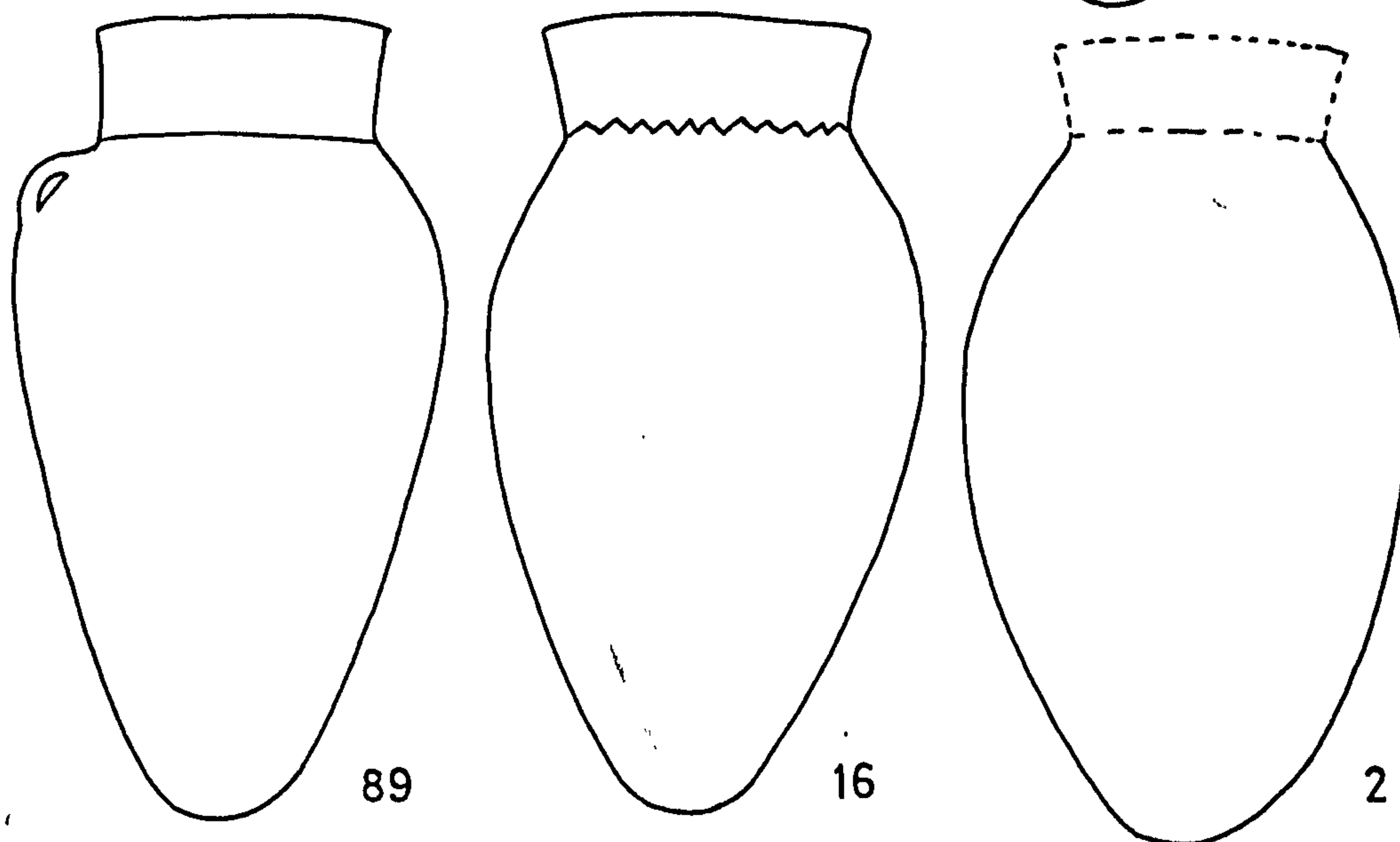
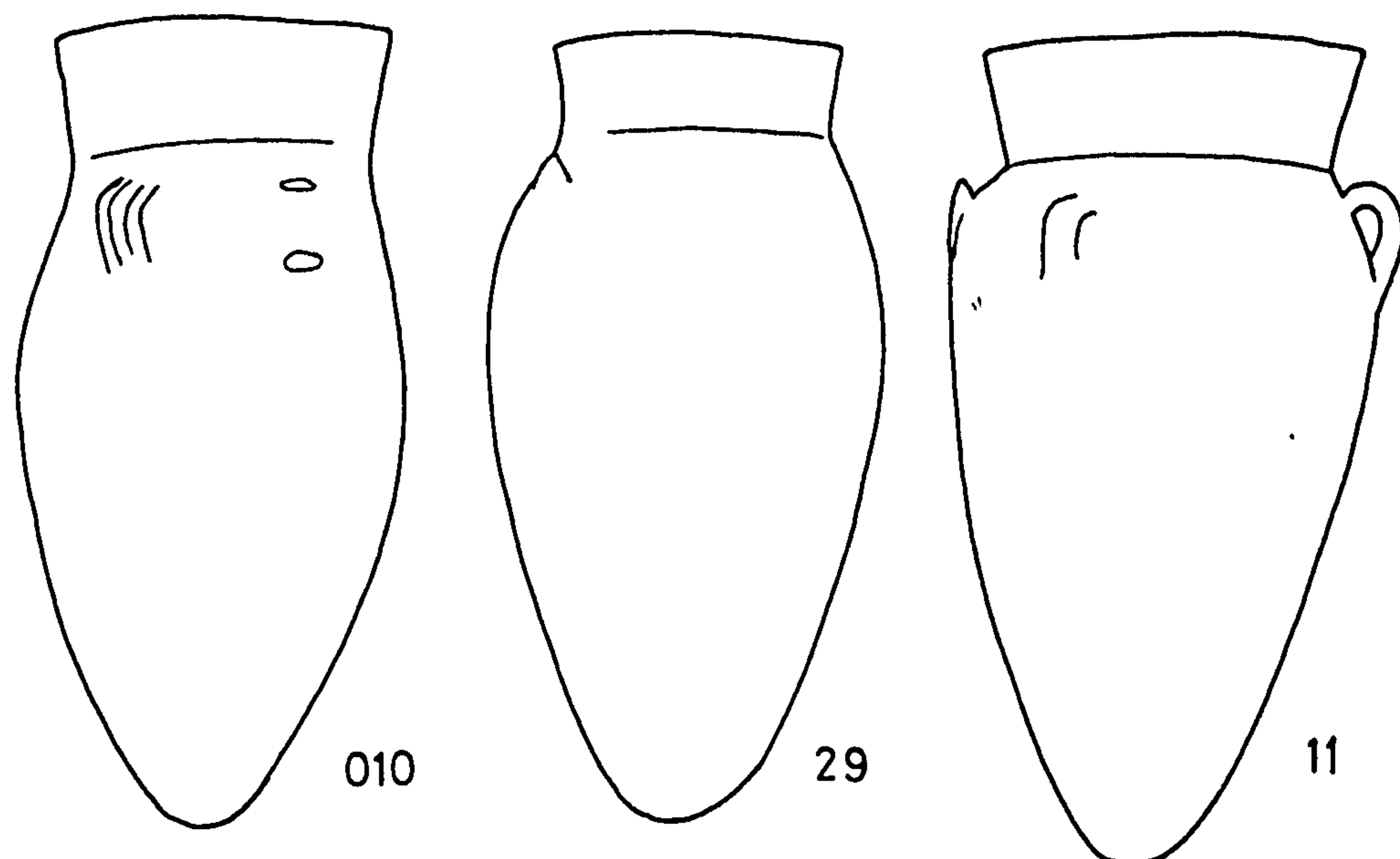
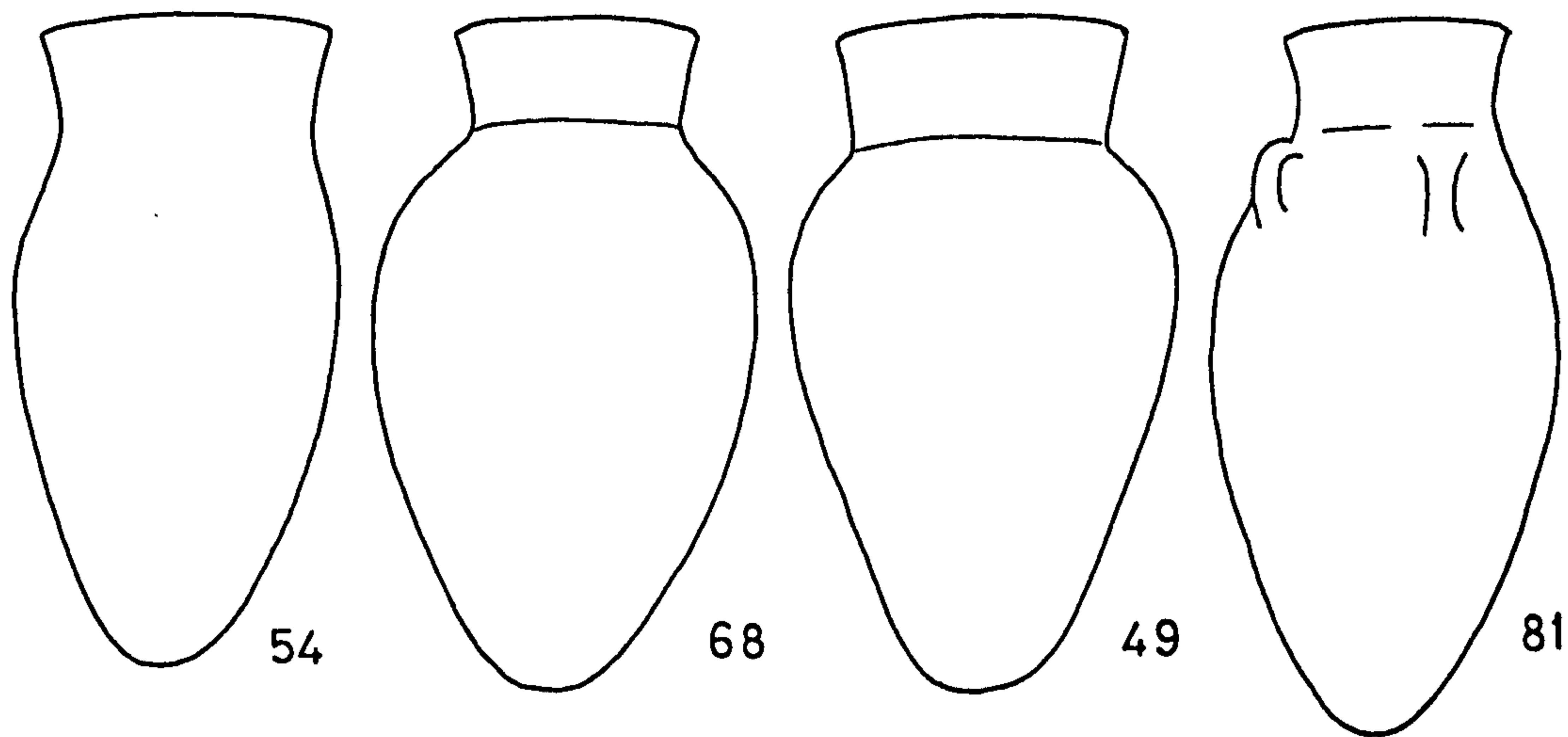
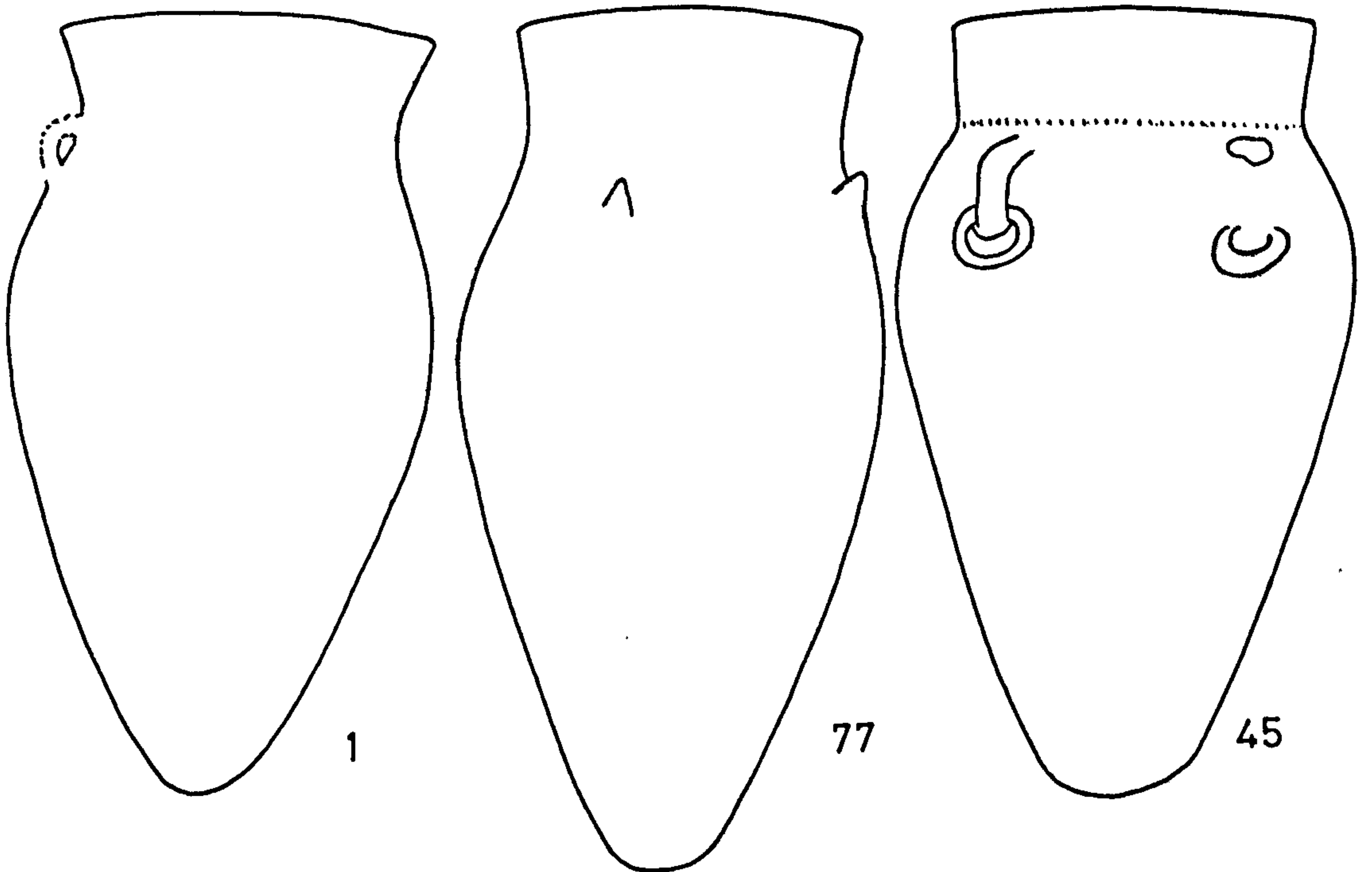
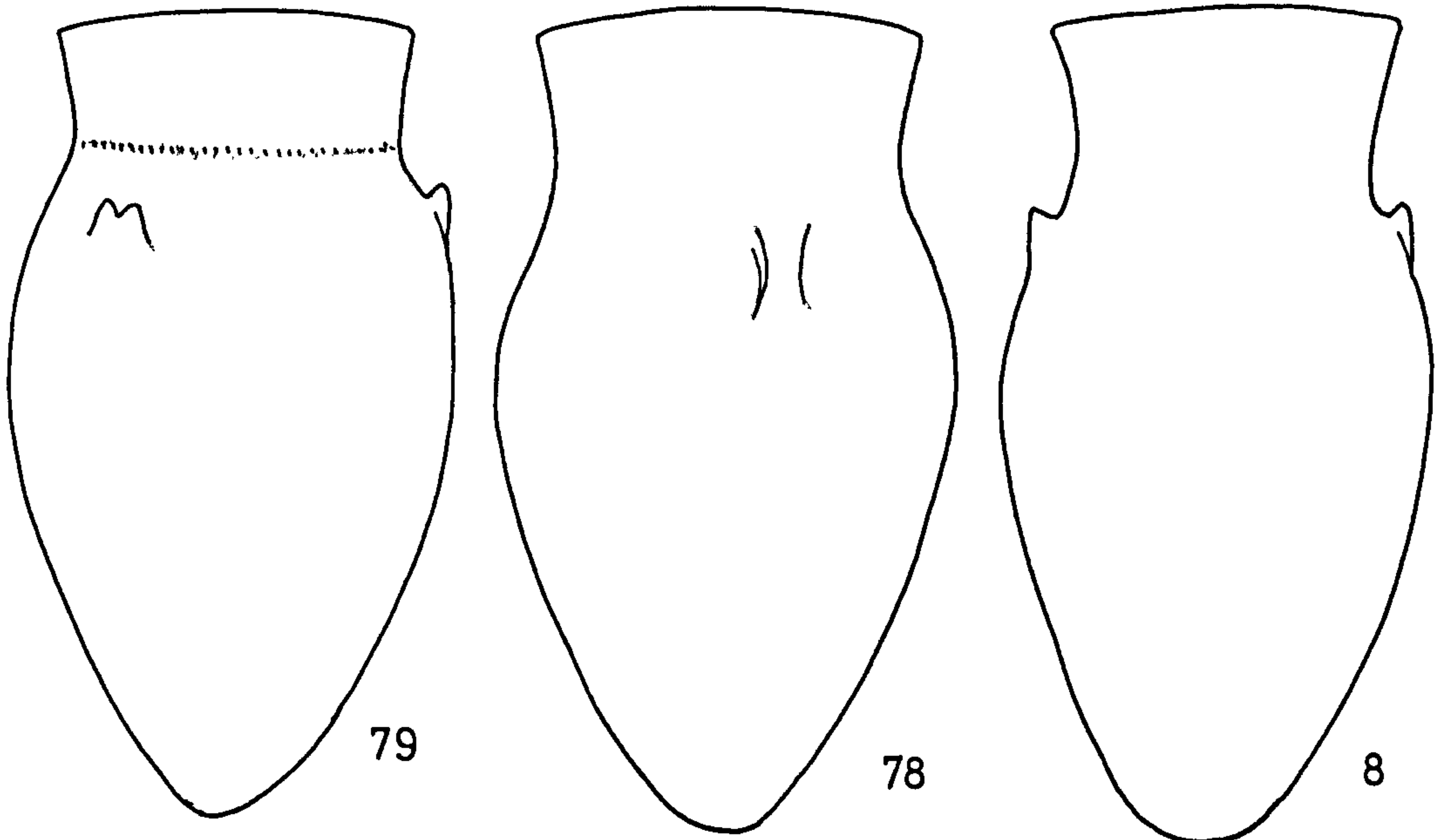


FIG.13





Shape. 3

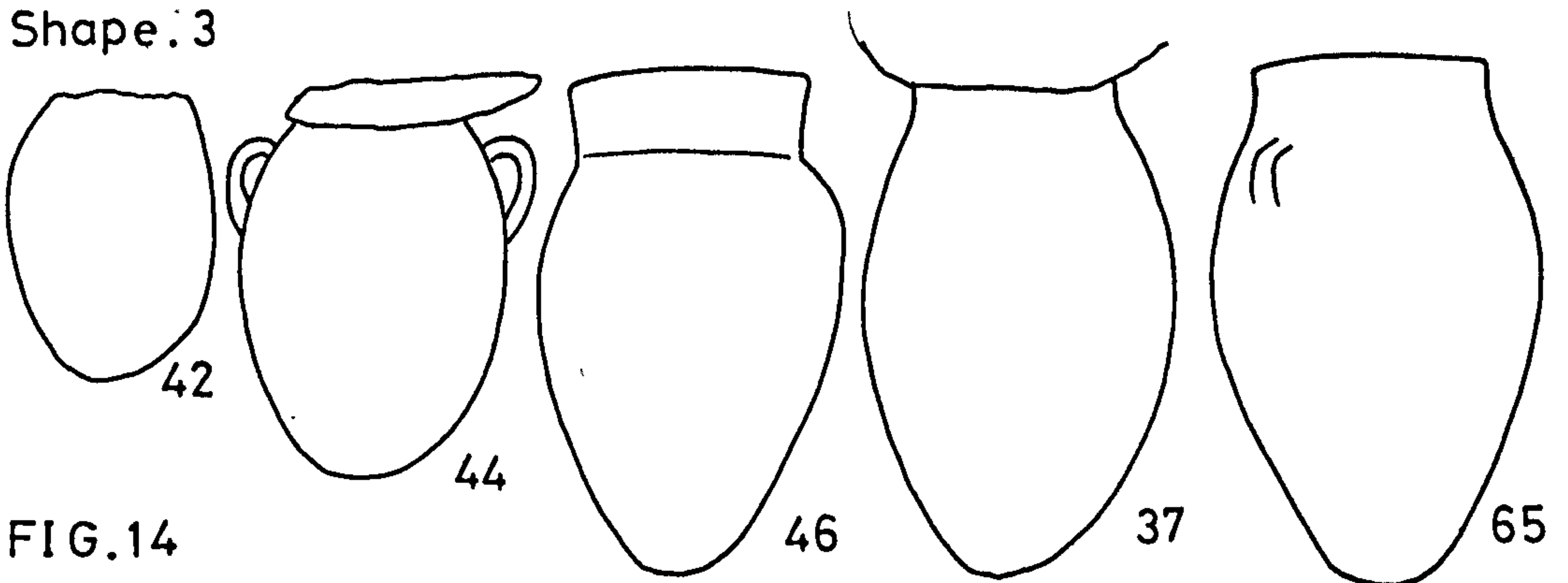


FIG.14

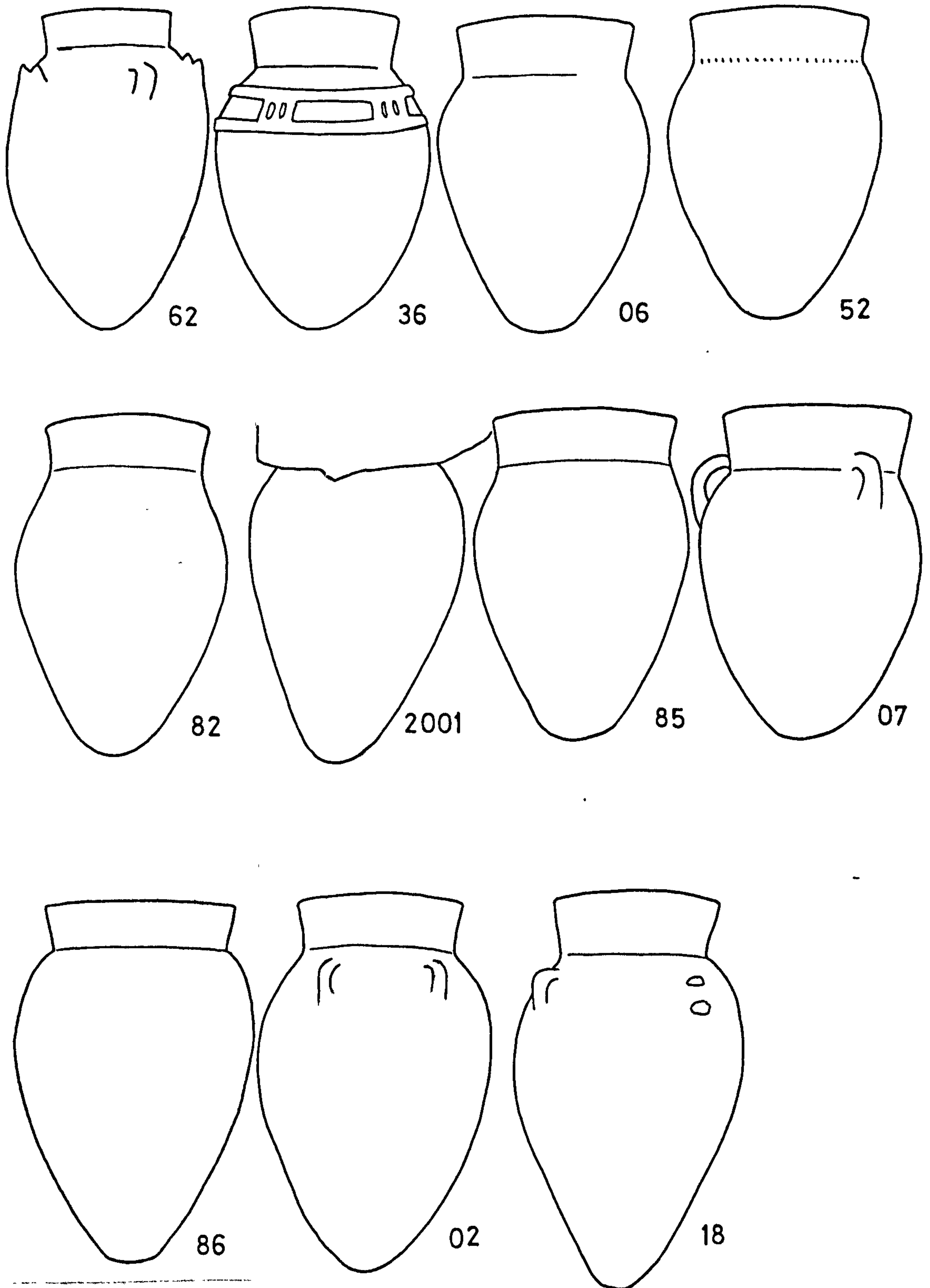


FIG.15



237

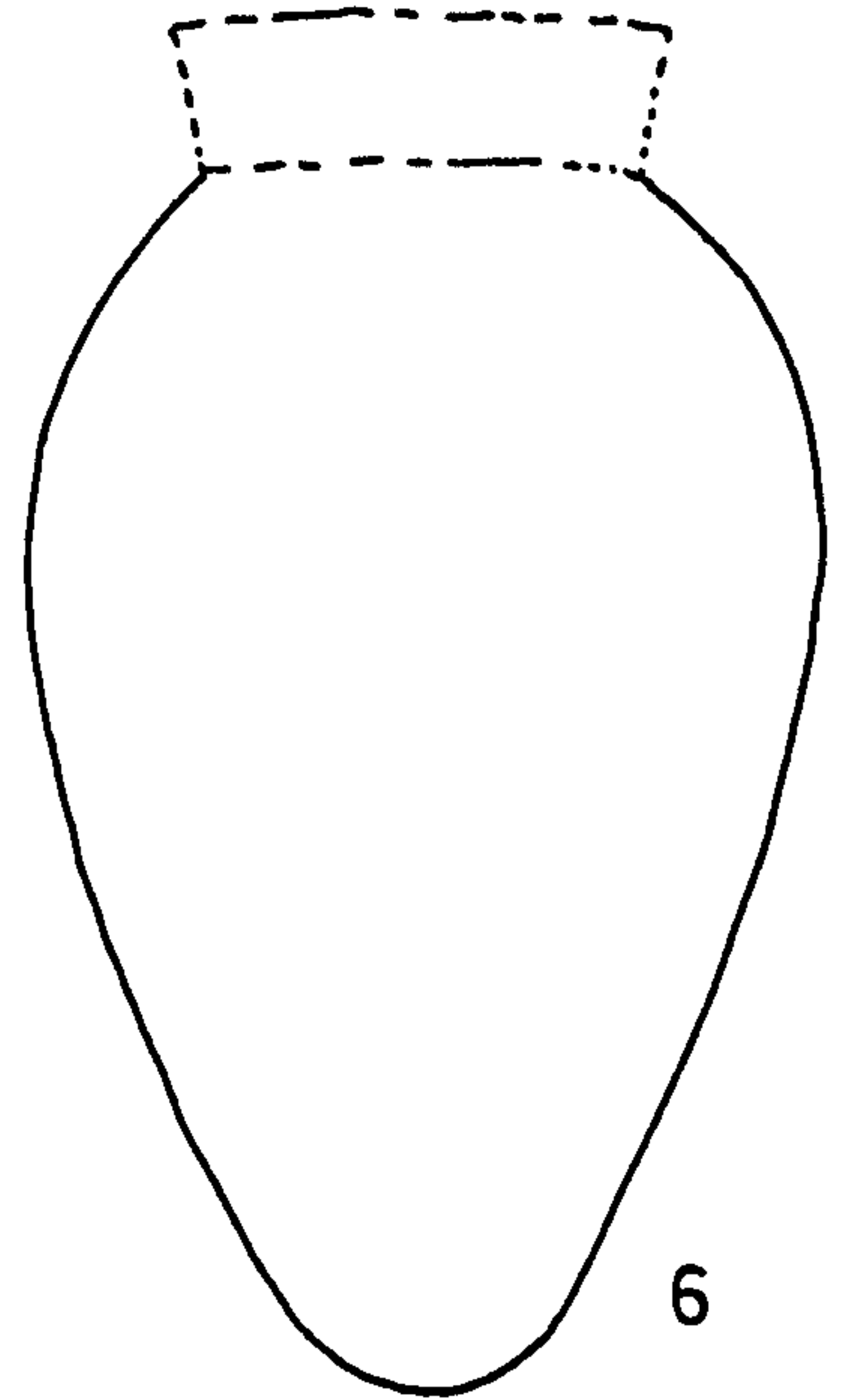
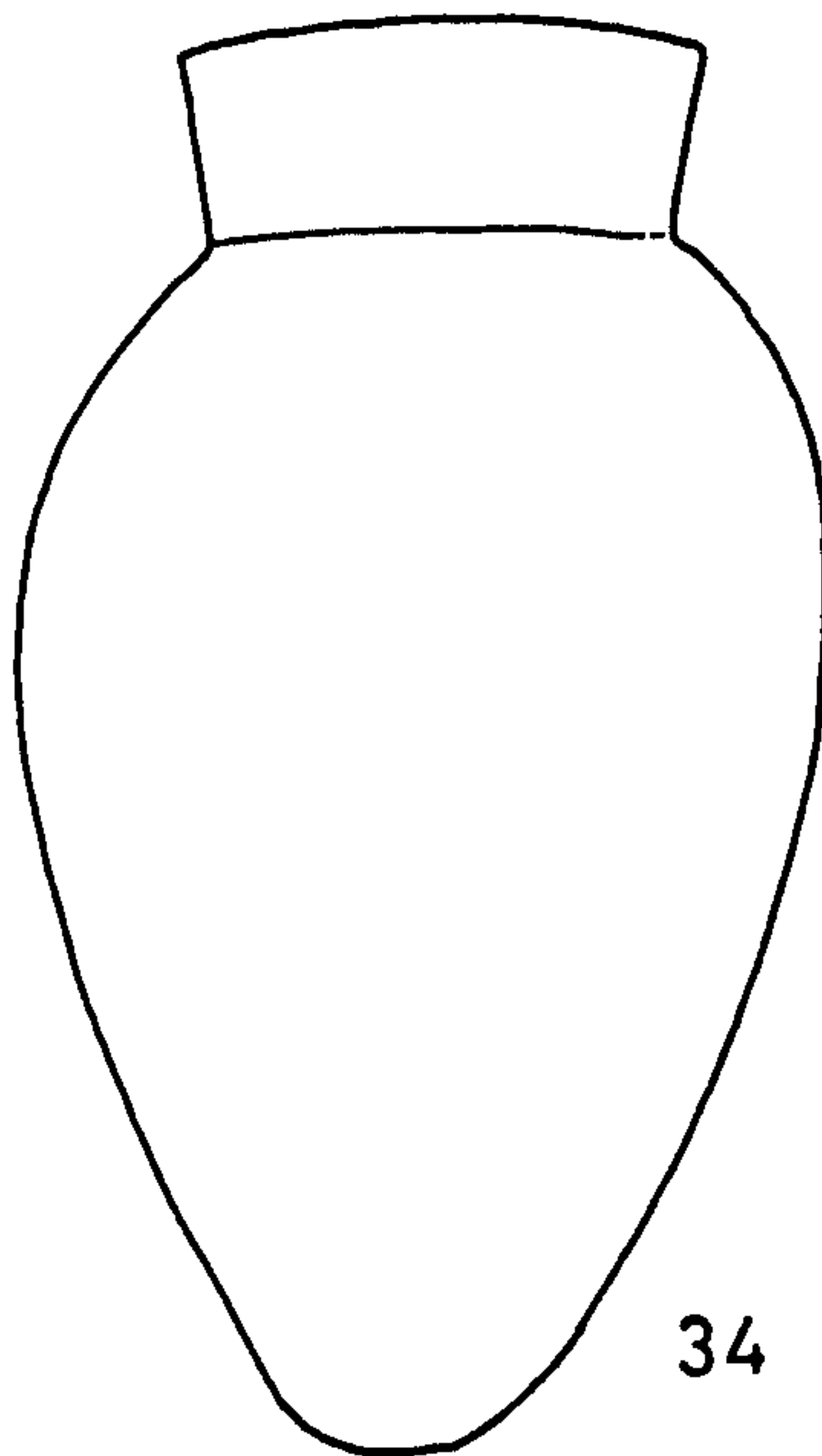
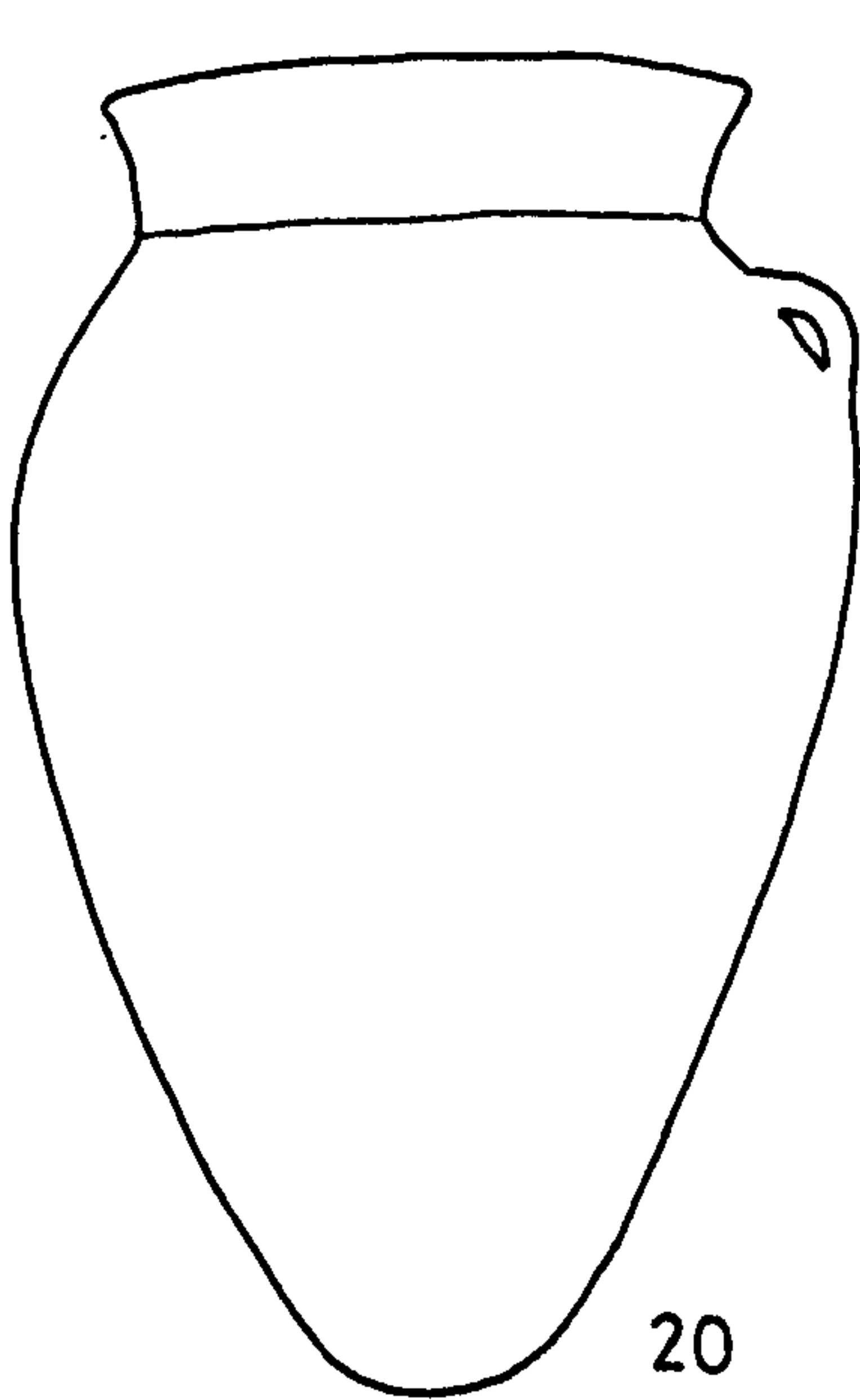
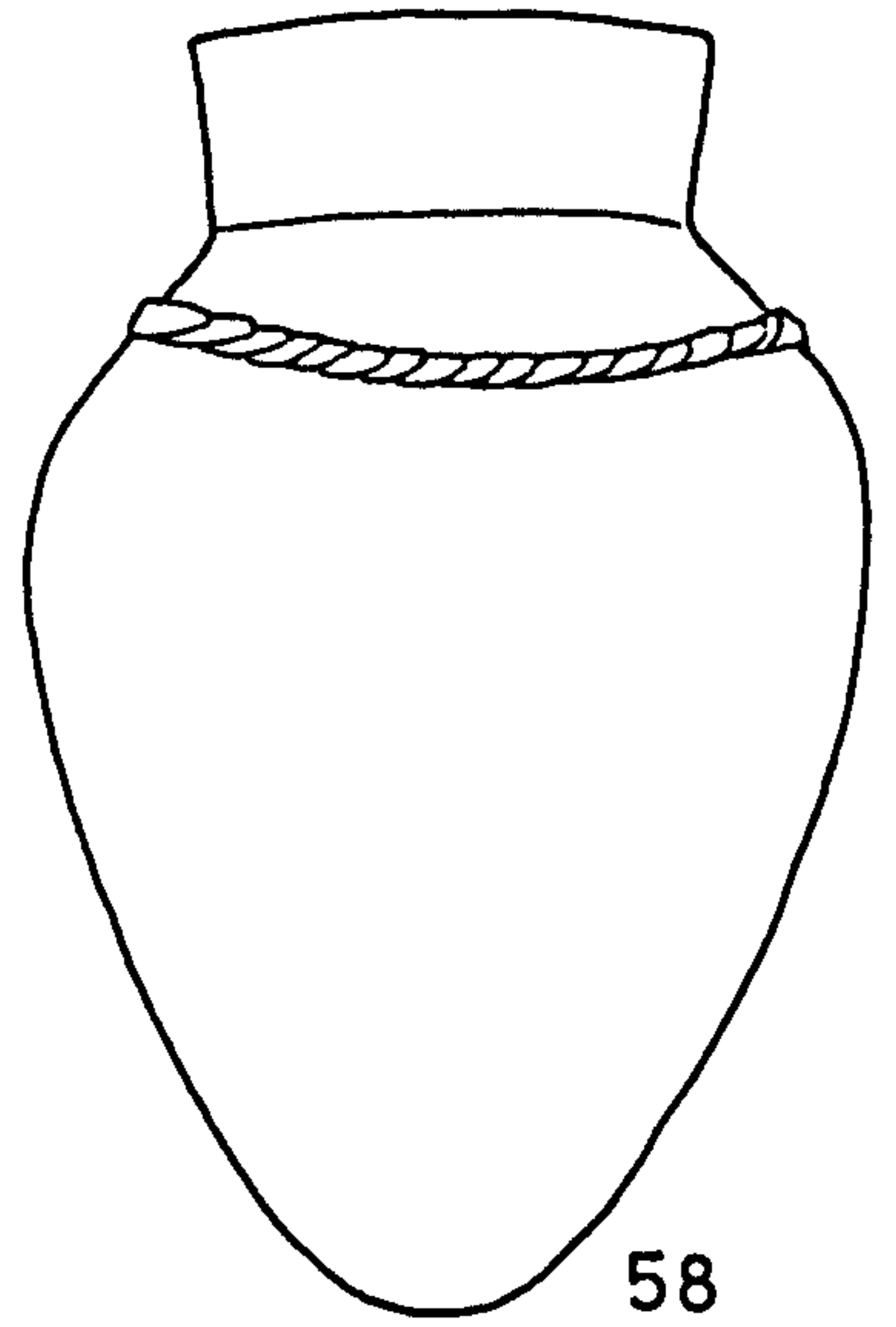
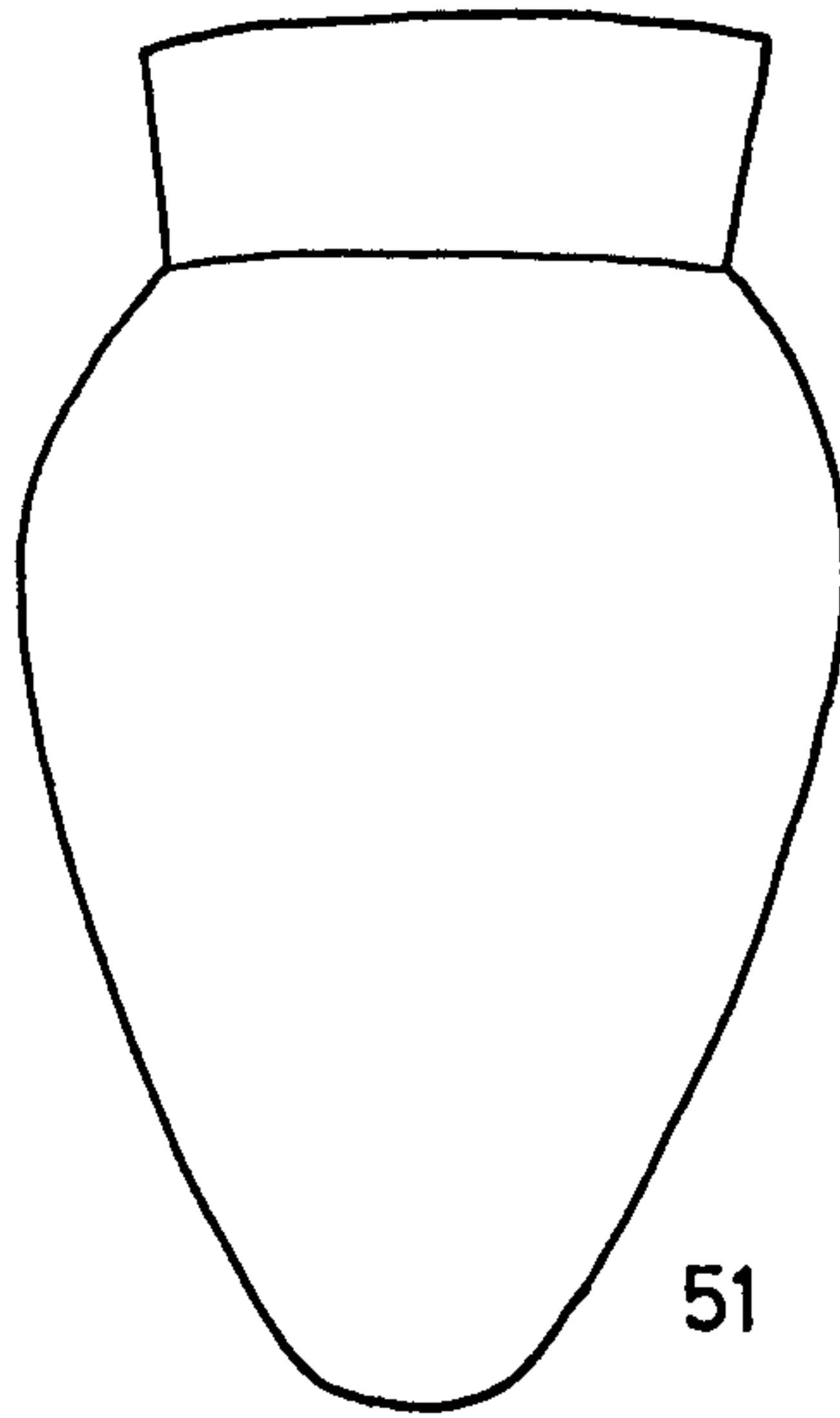
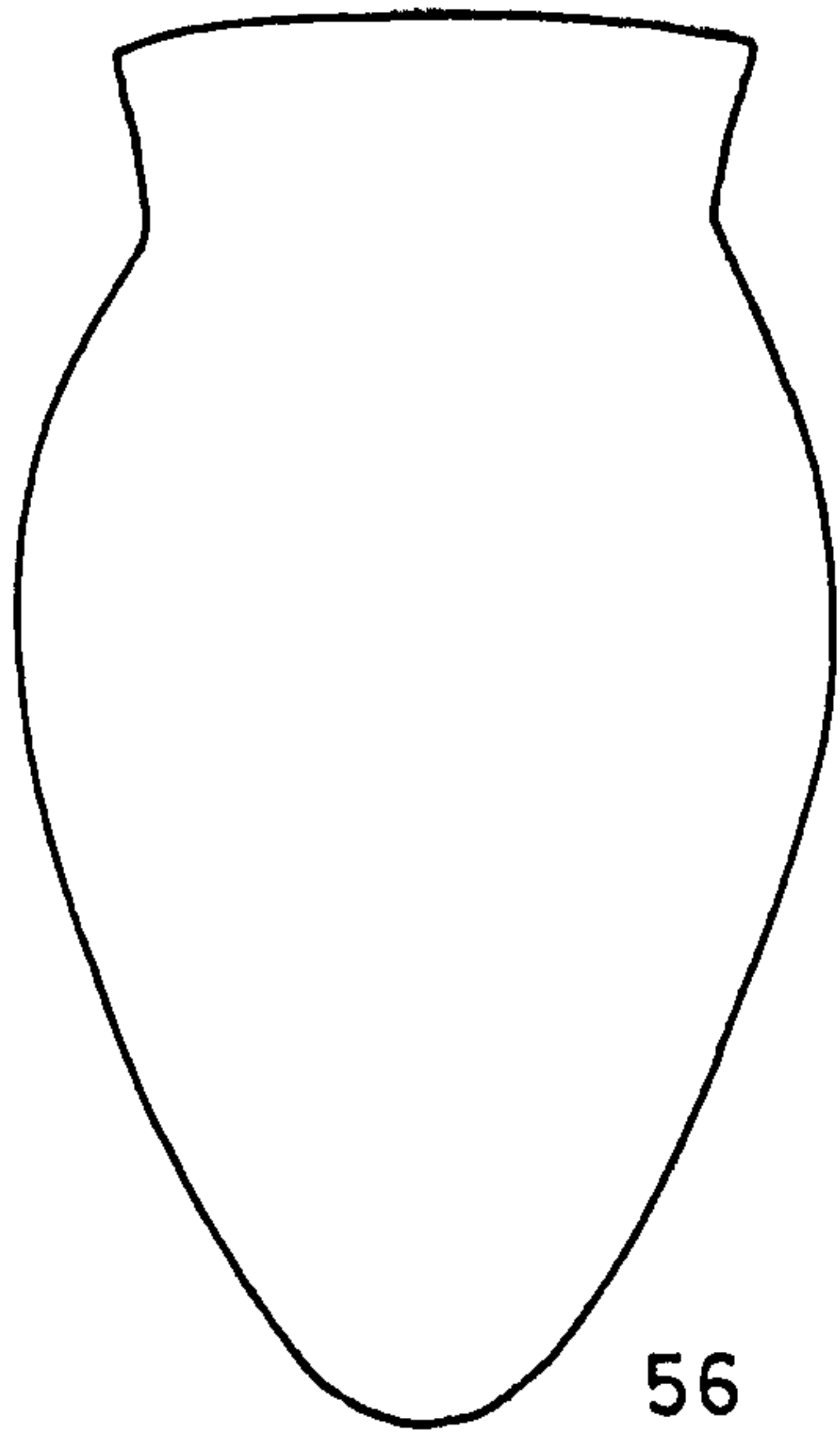
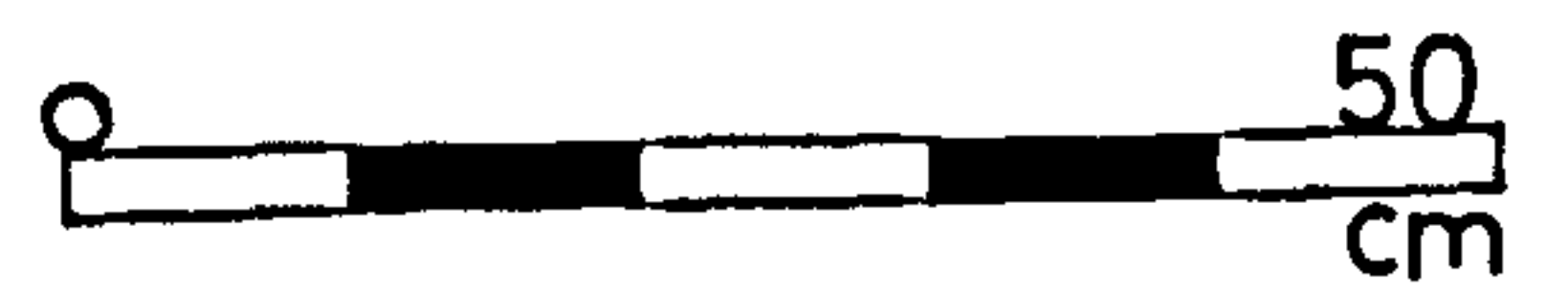
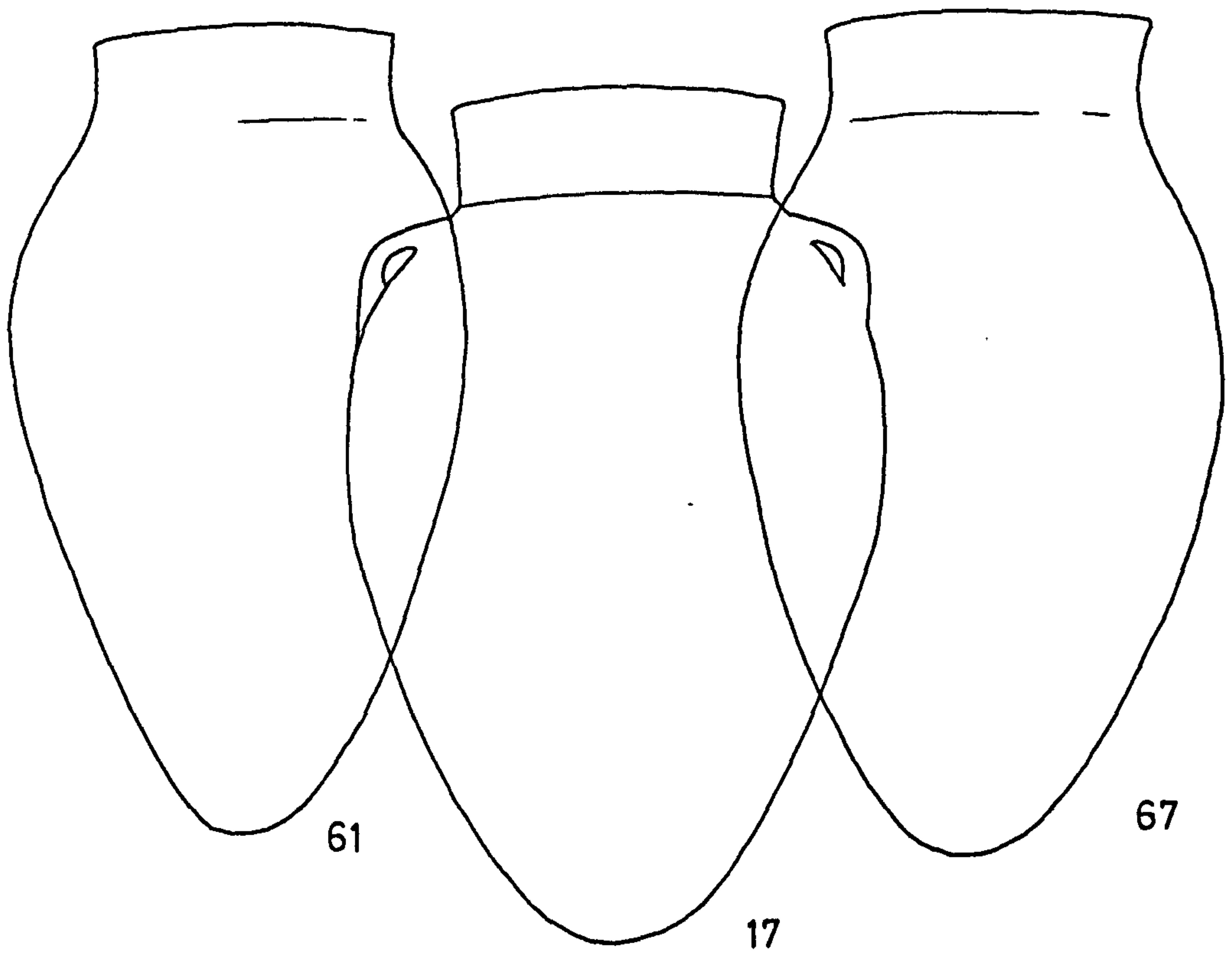


FIG.16



Shape .4

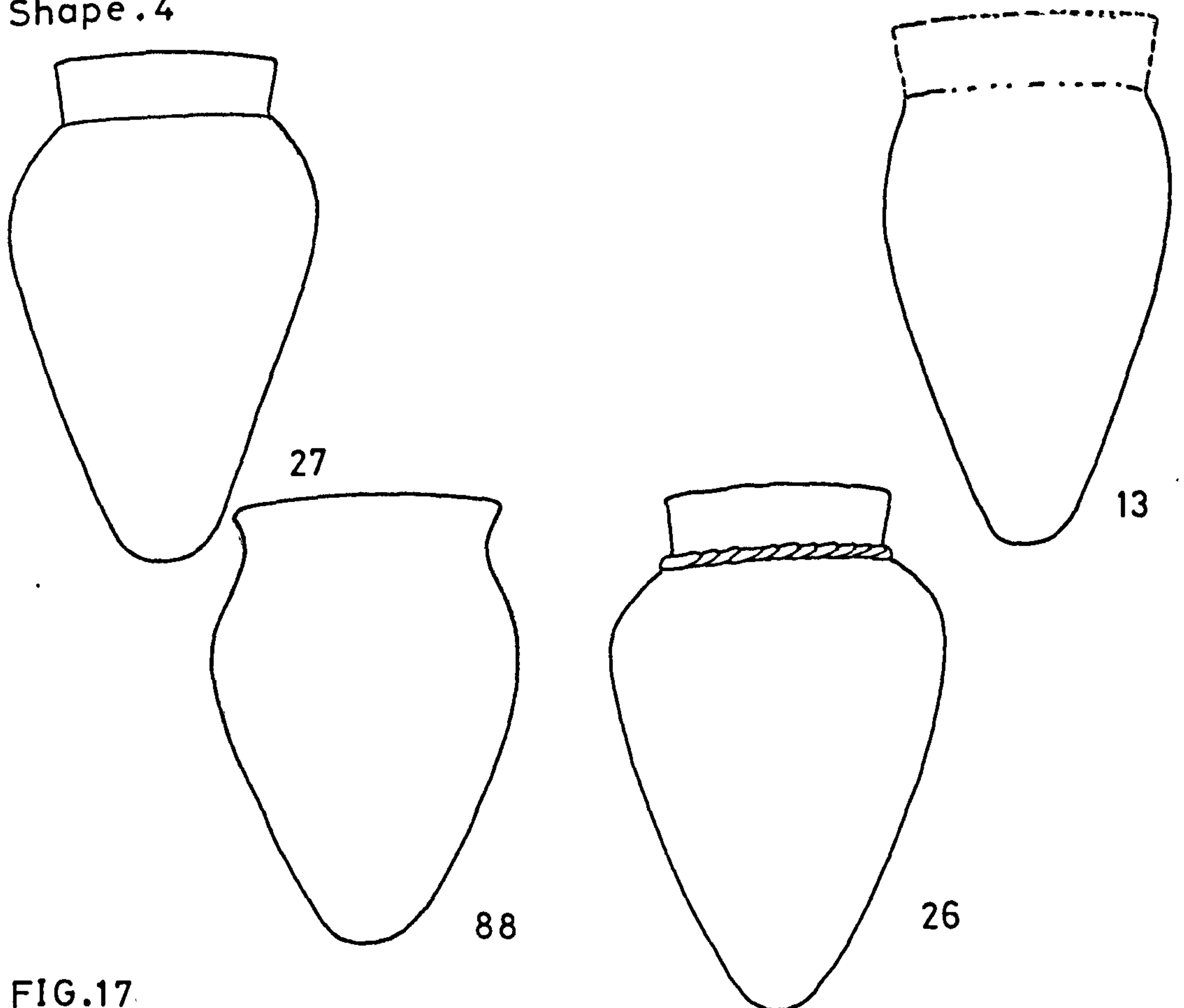


FIG.17.

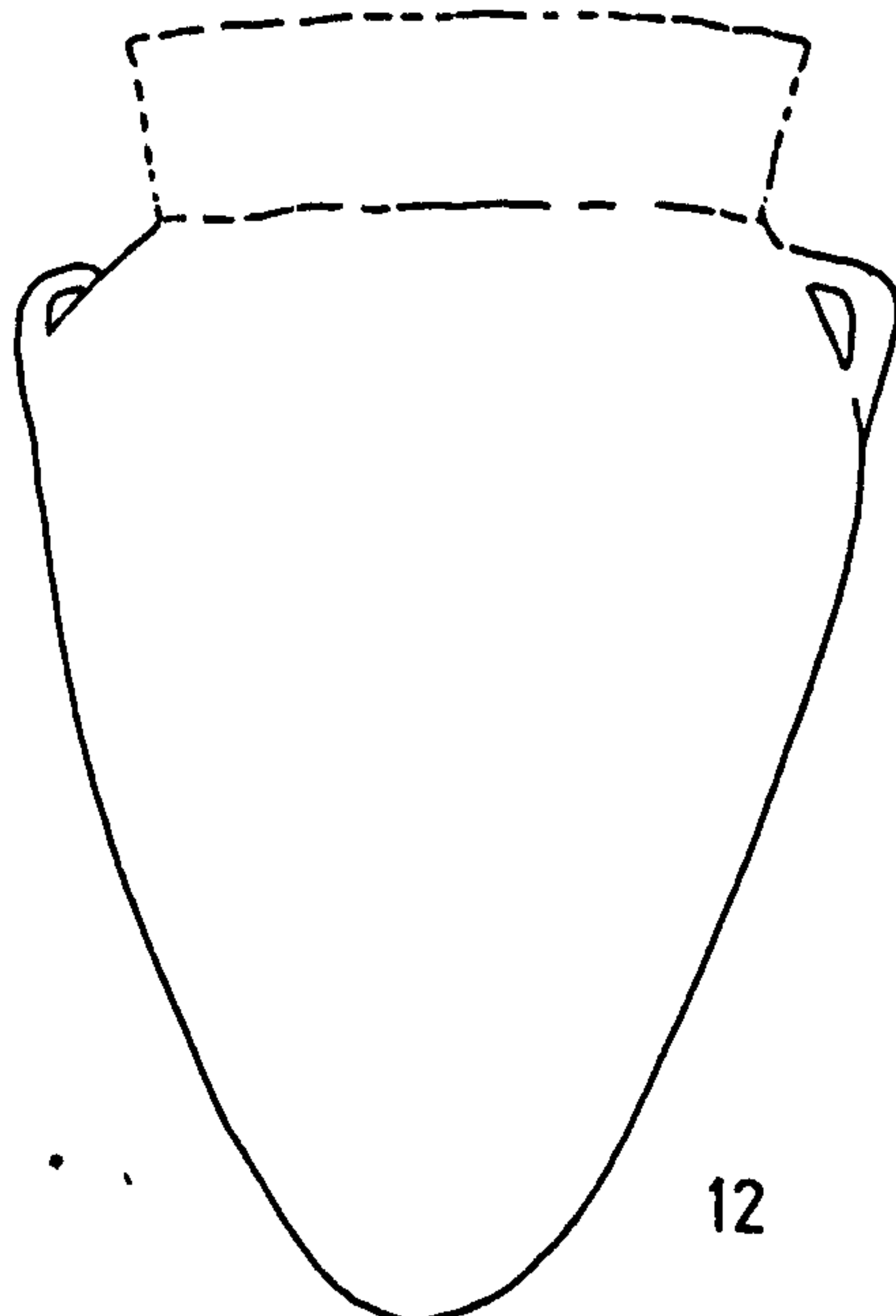
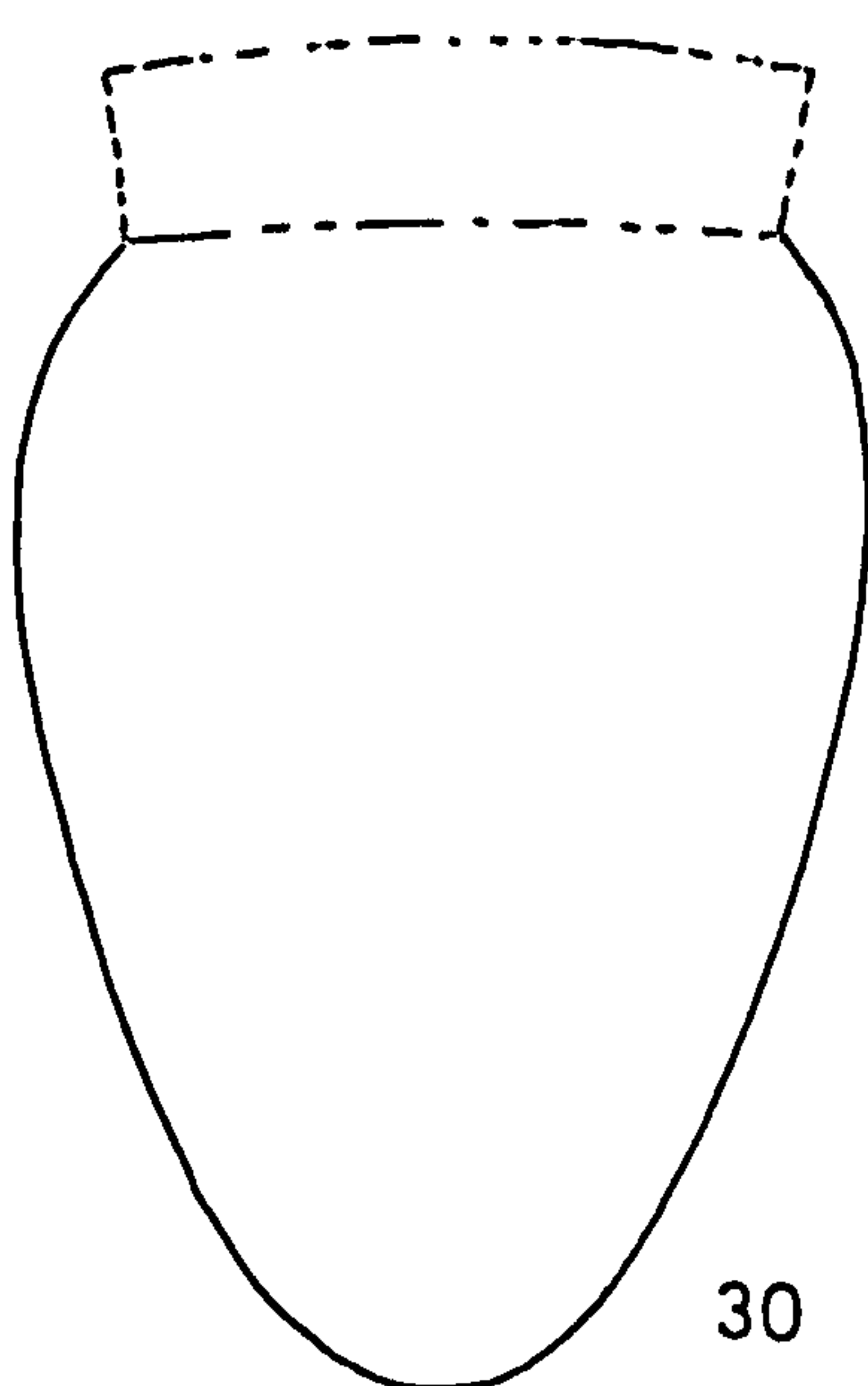
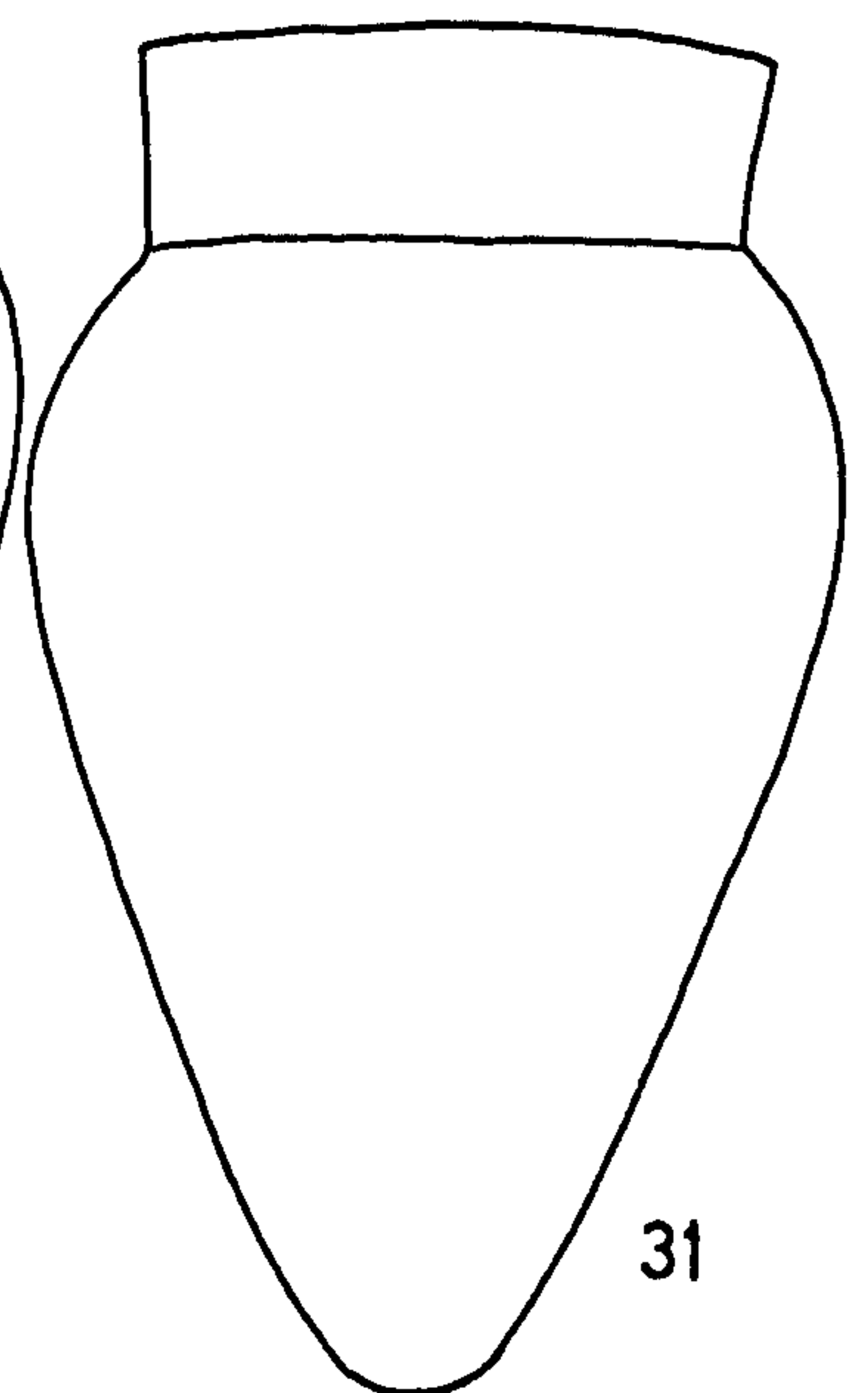
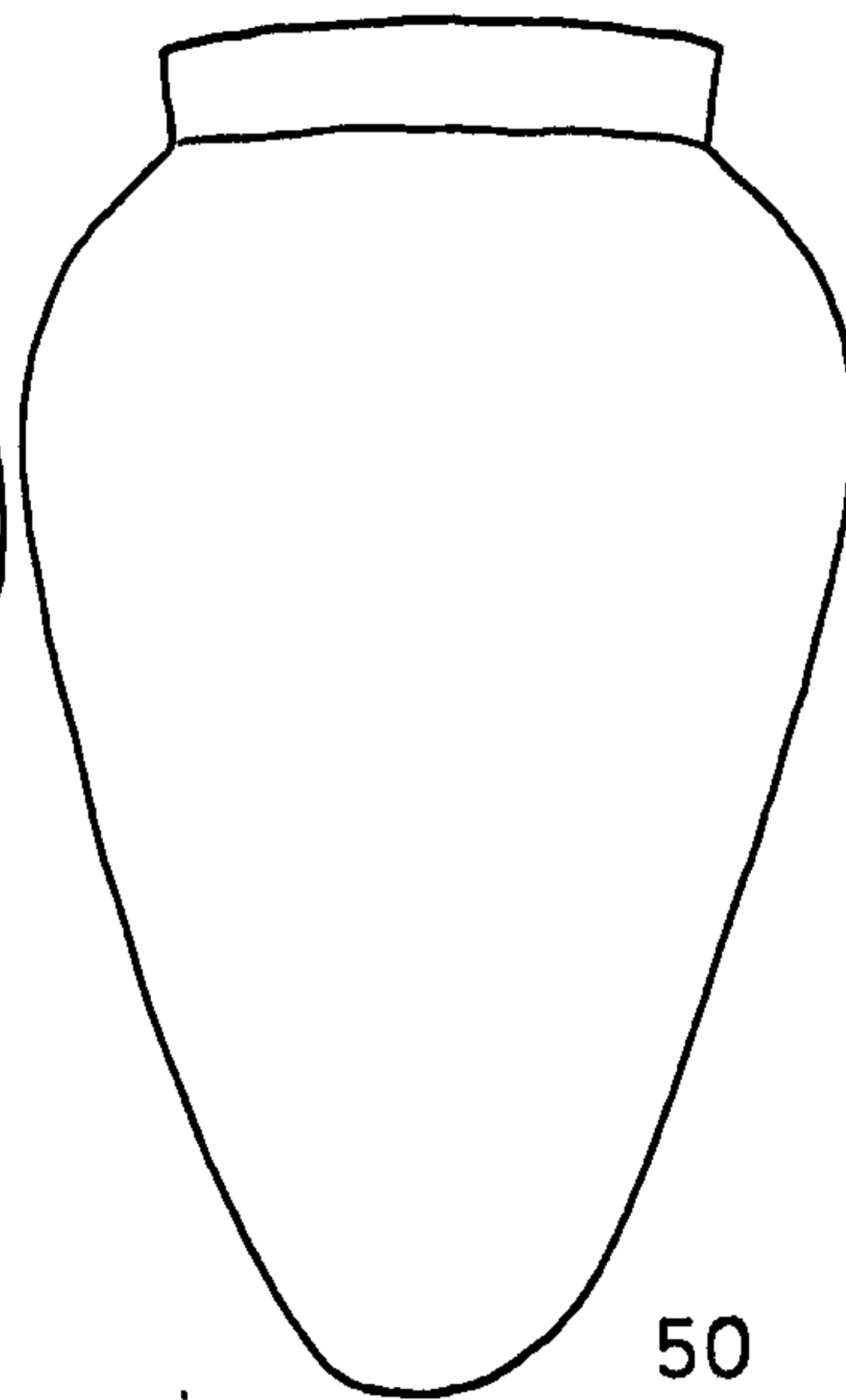
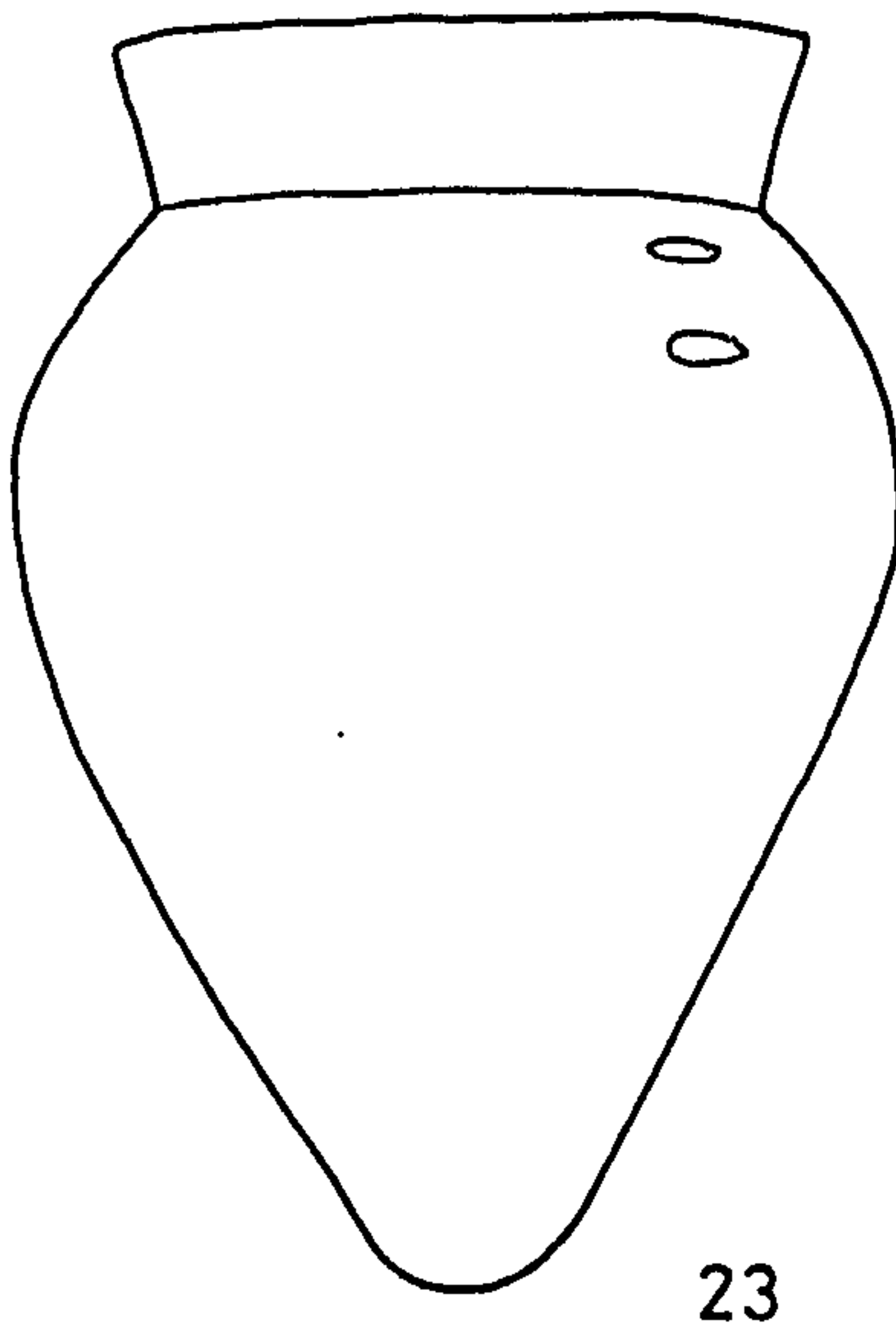
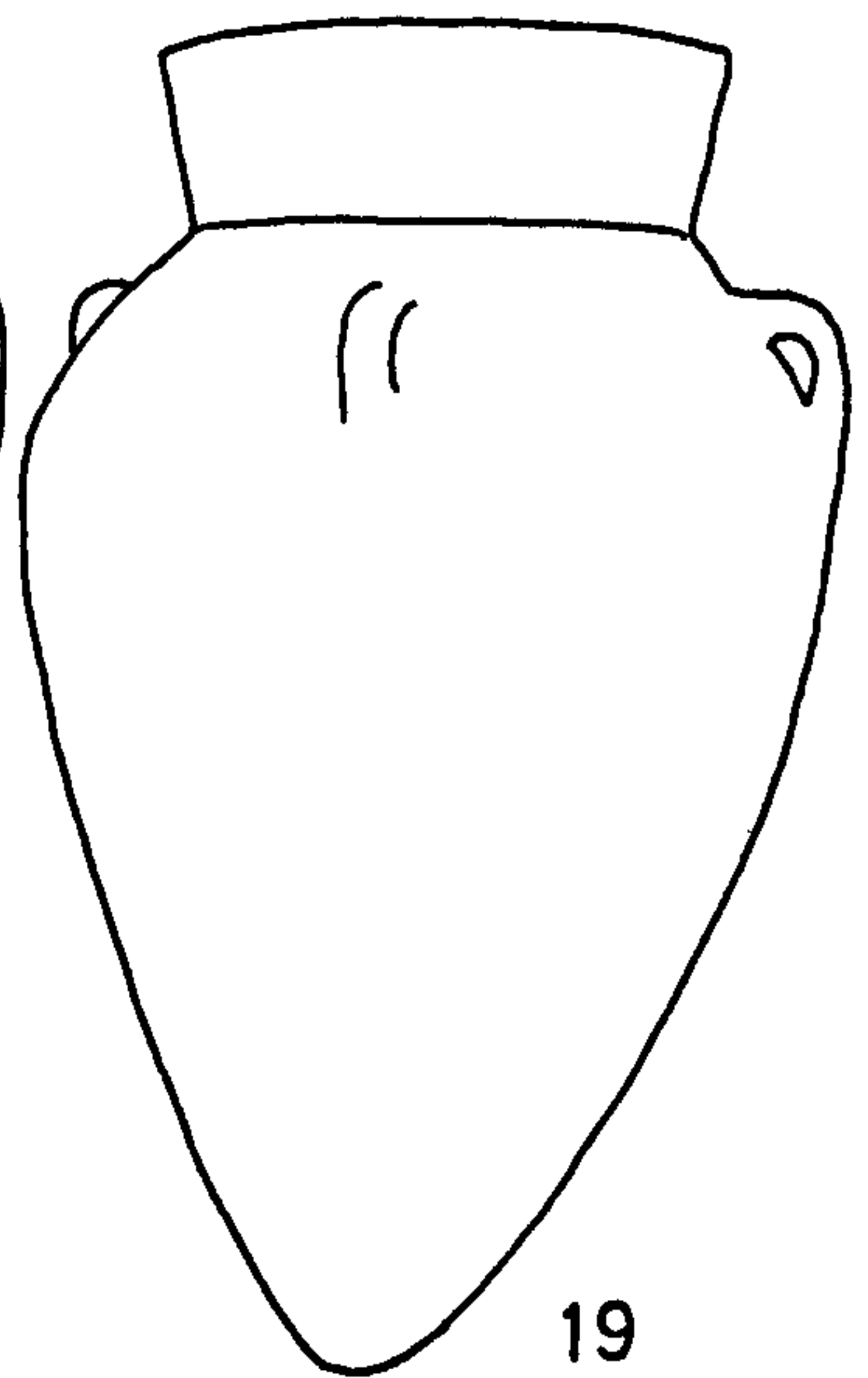
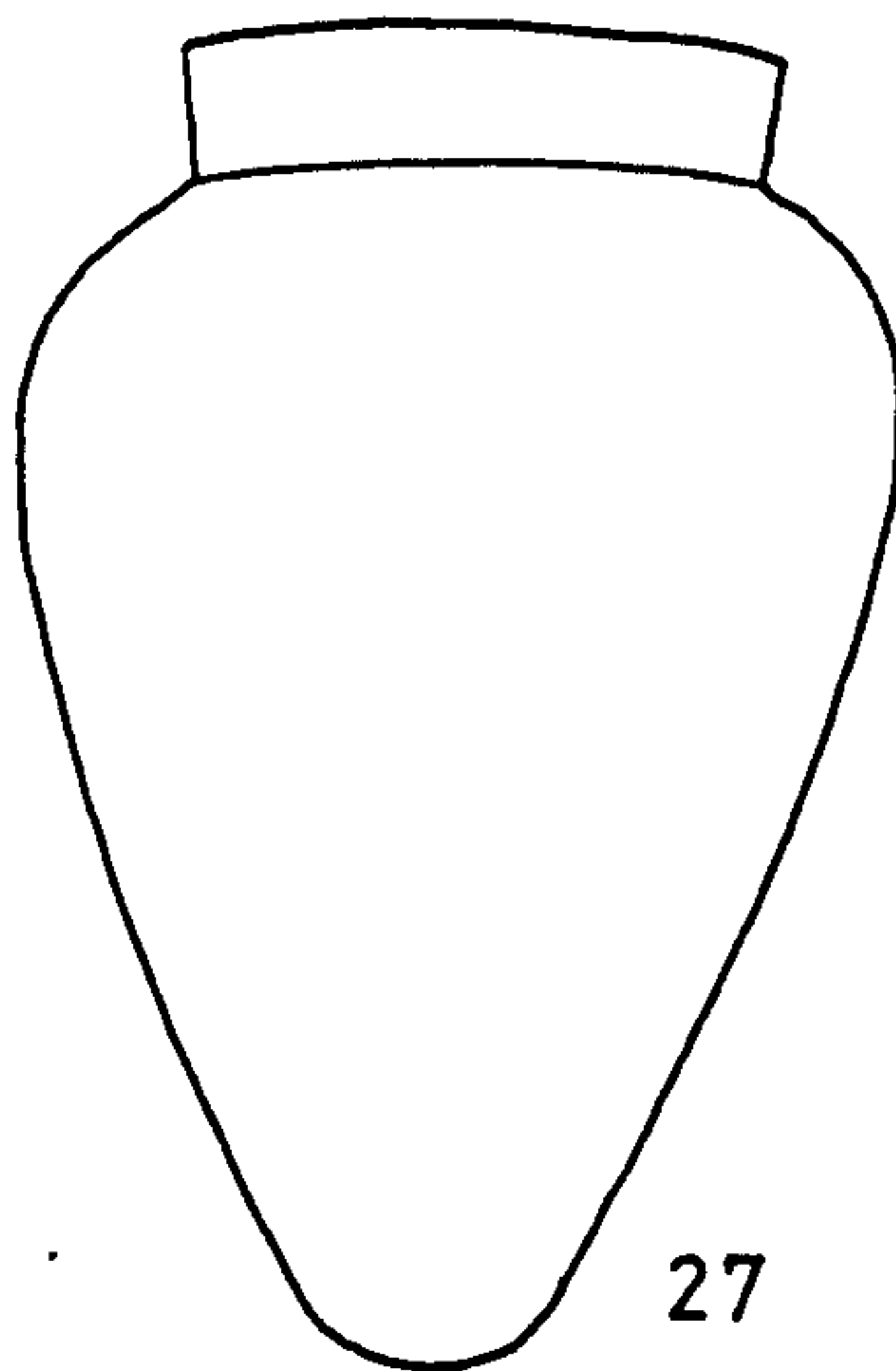
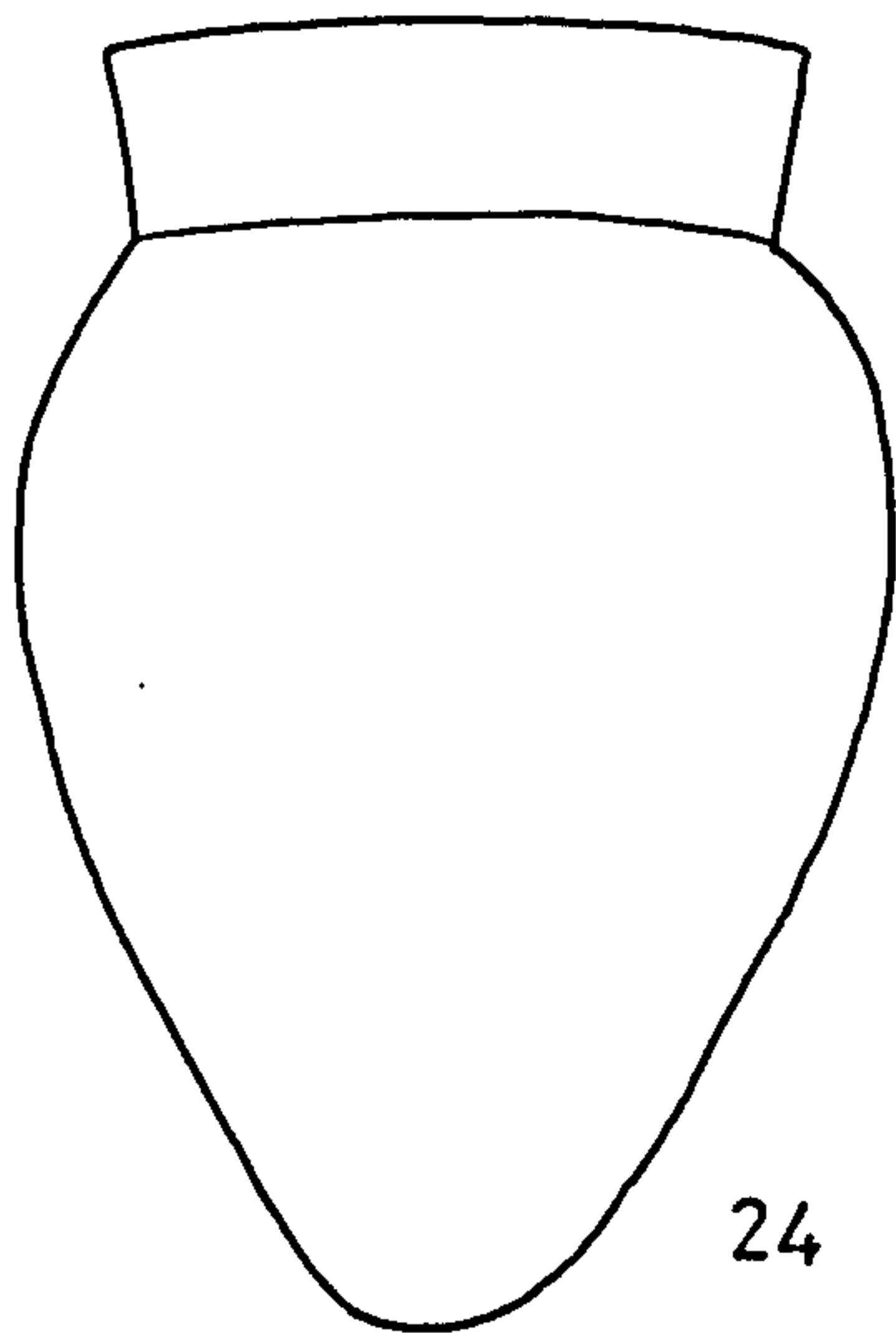
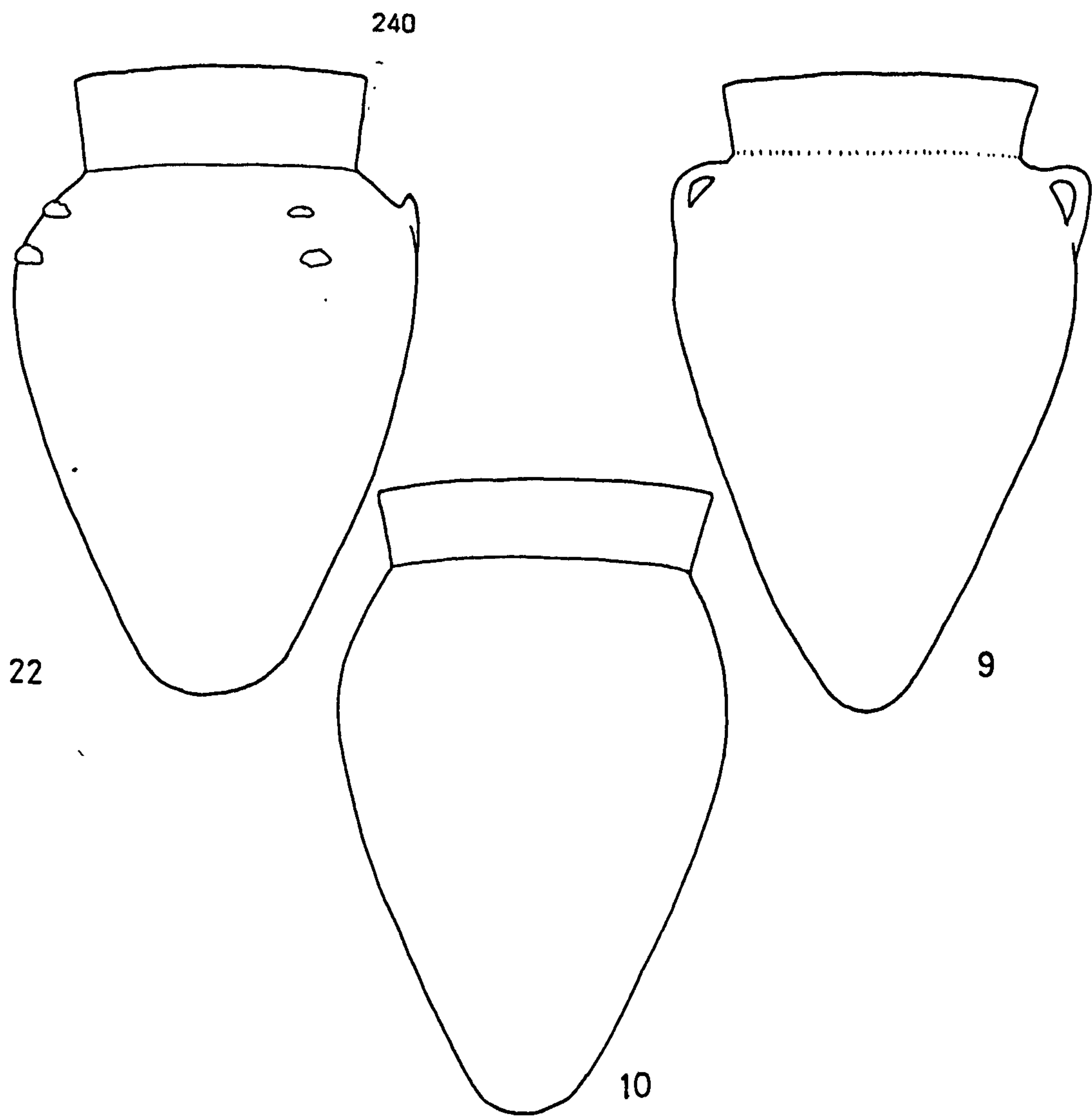


FIG.18



Shape . 5

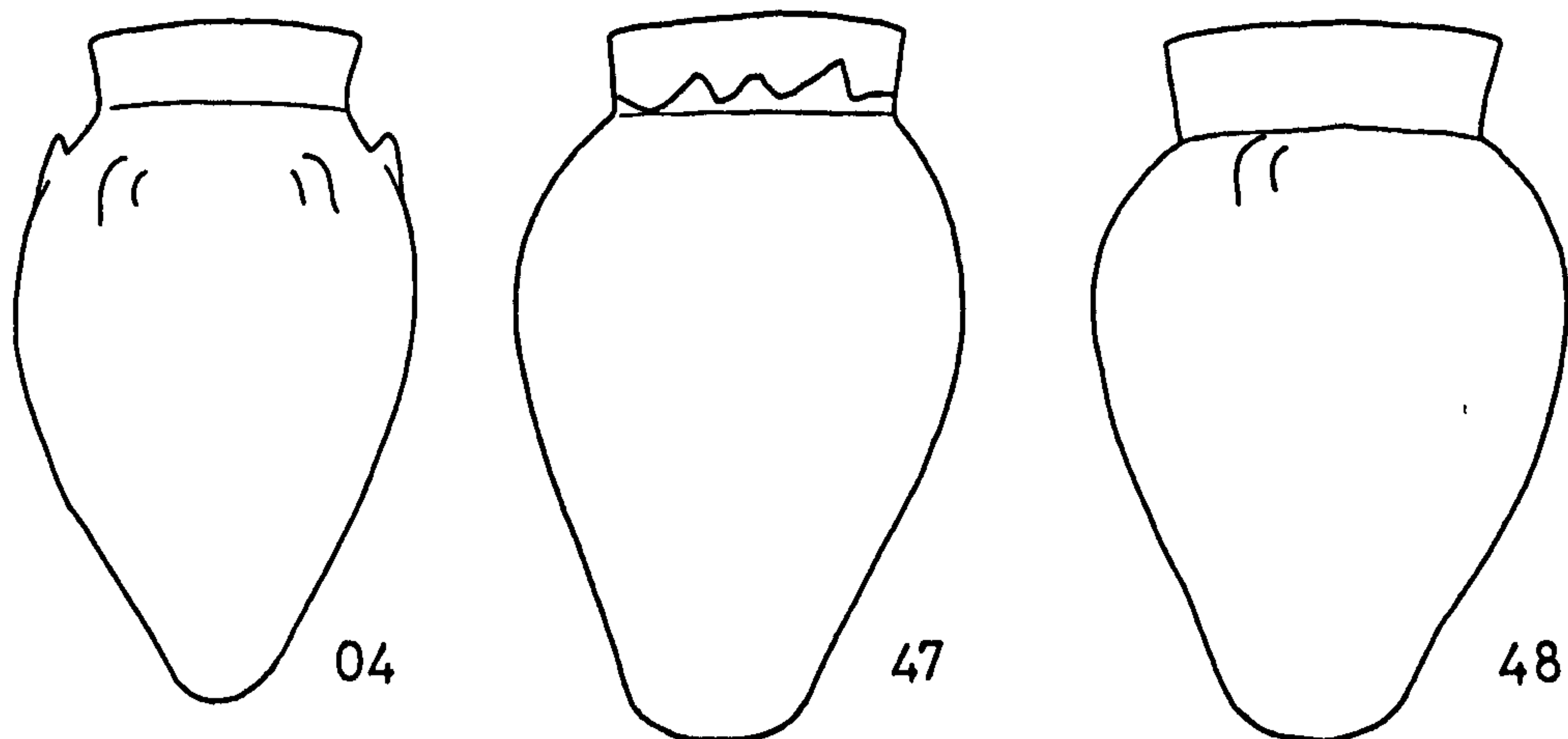
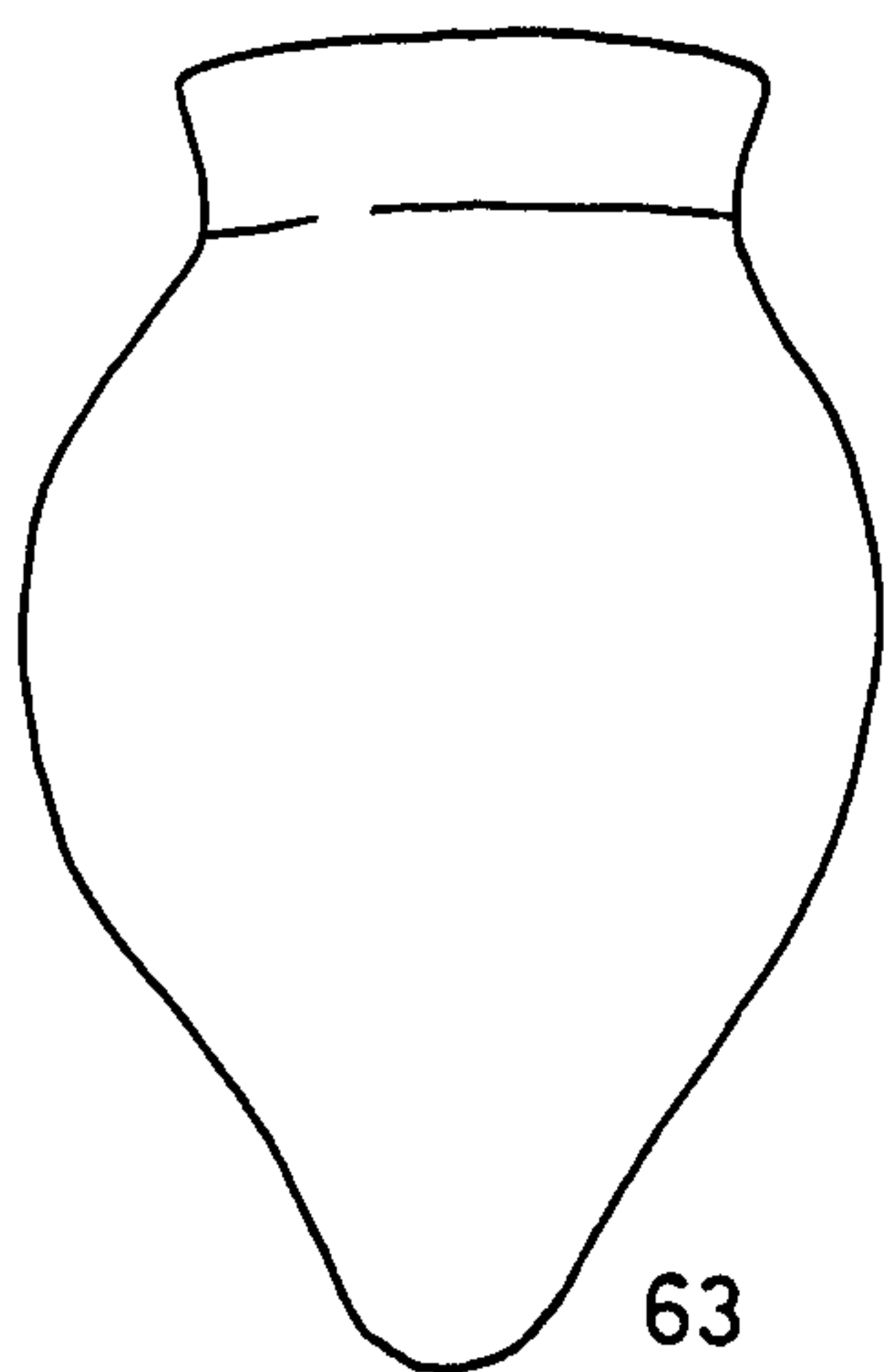
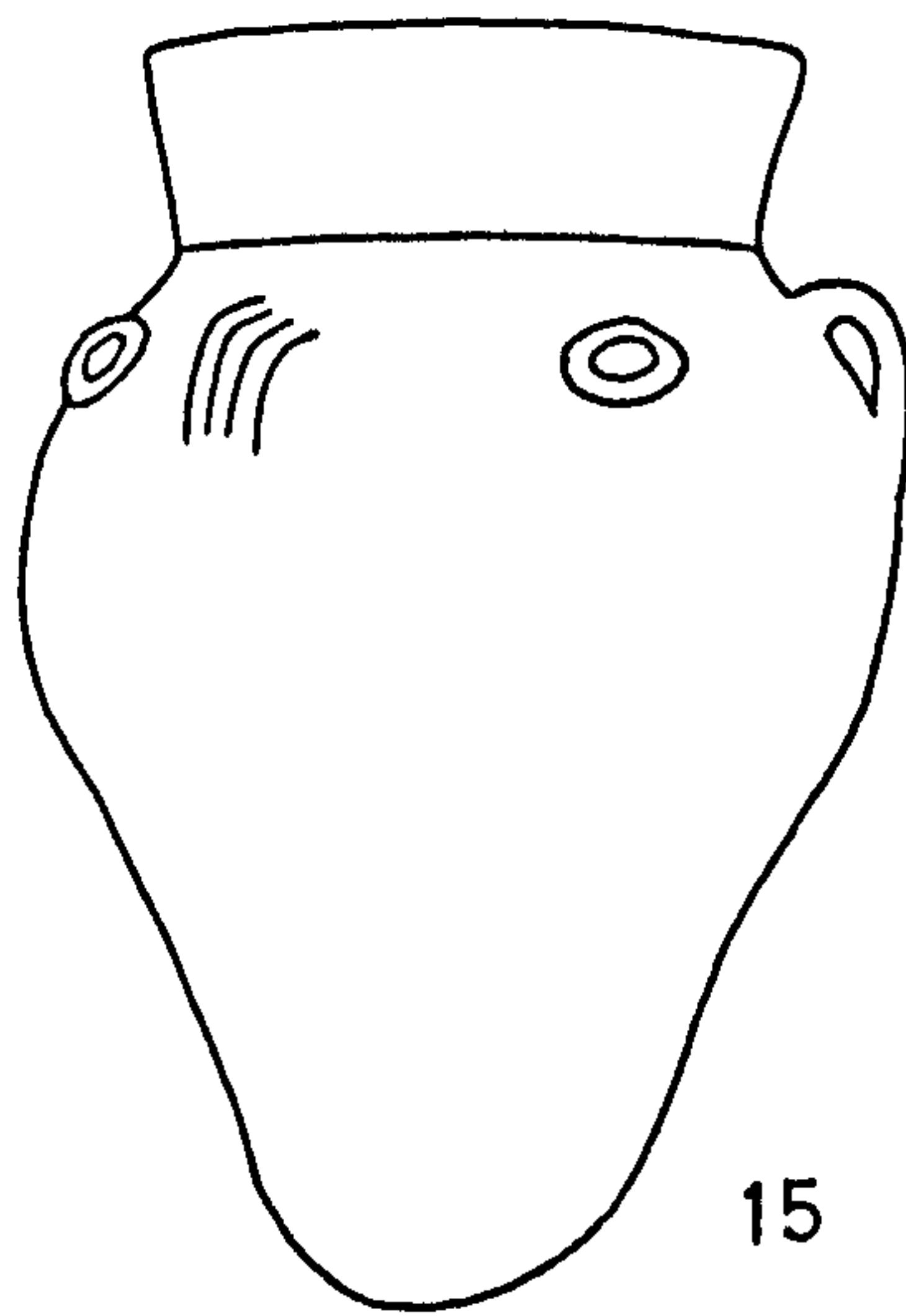


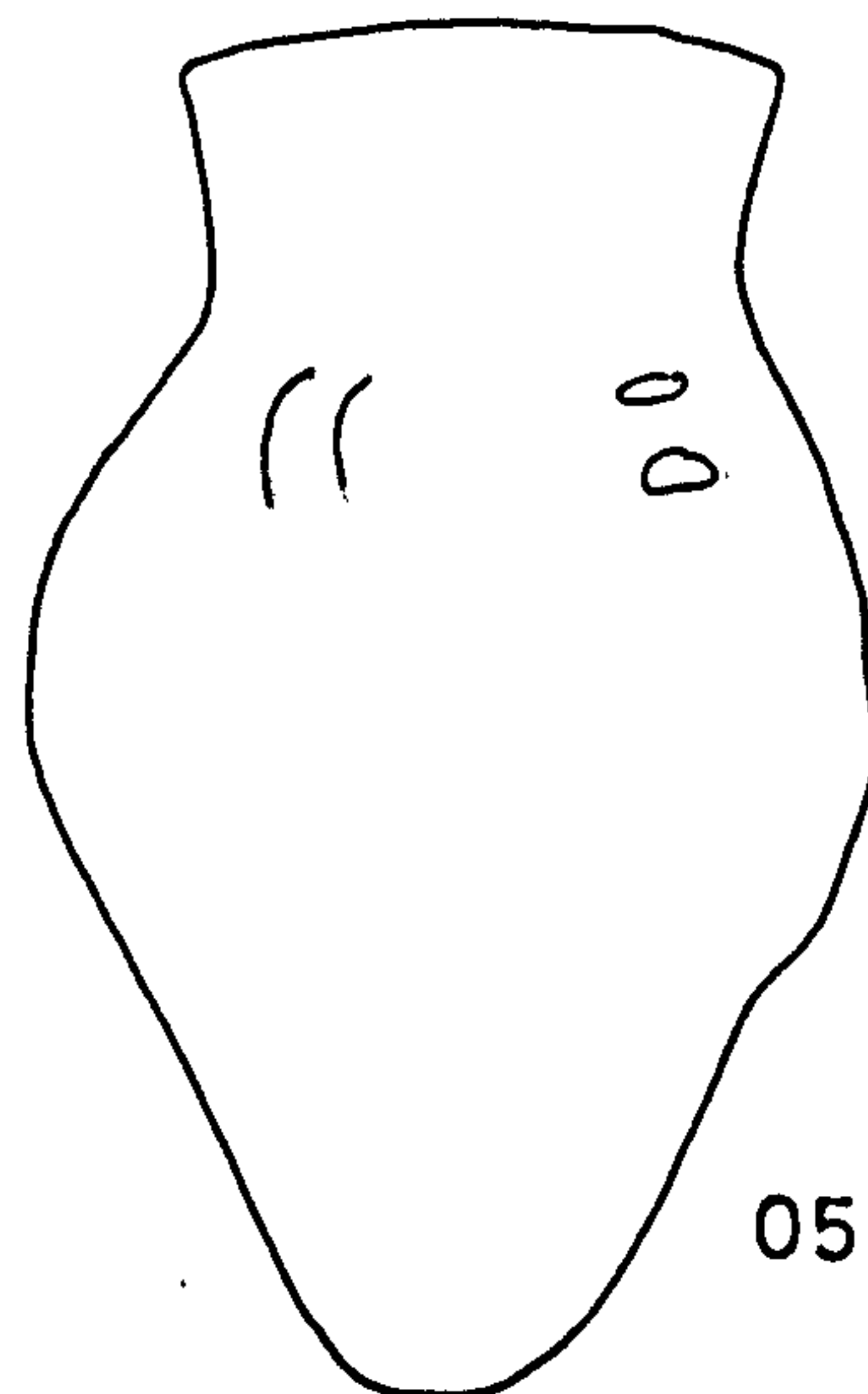
FIG.19



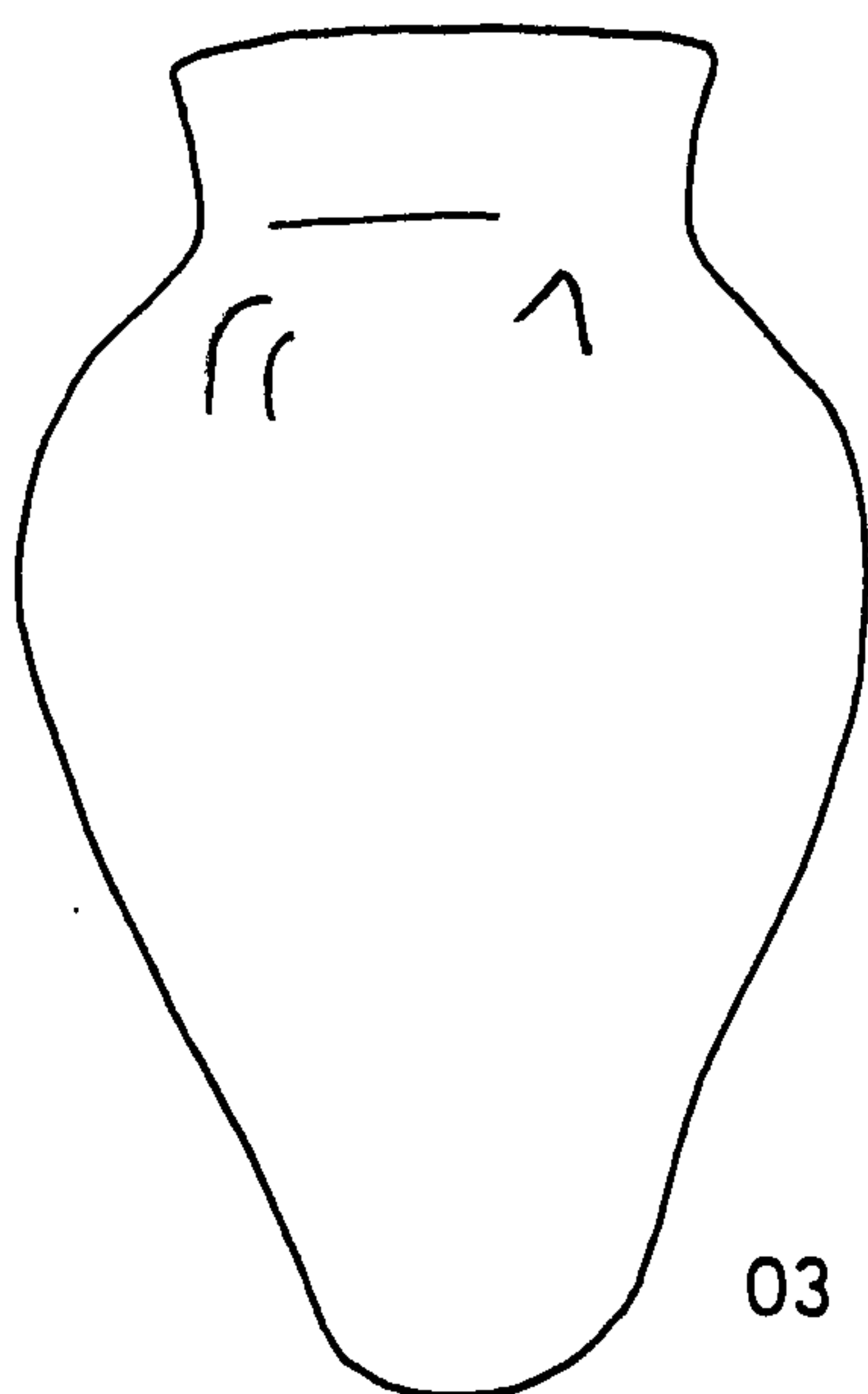
63



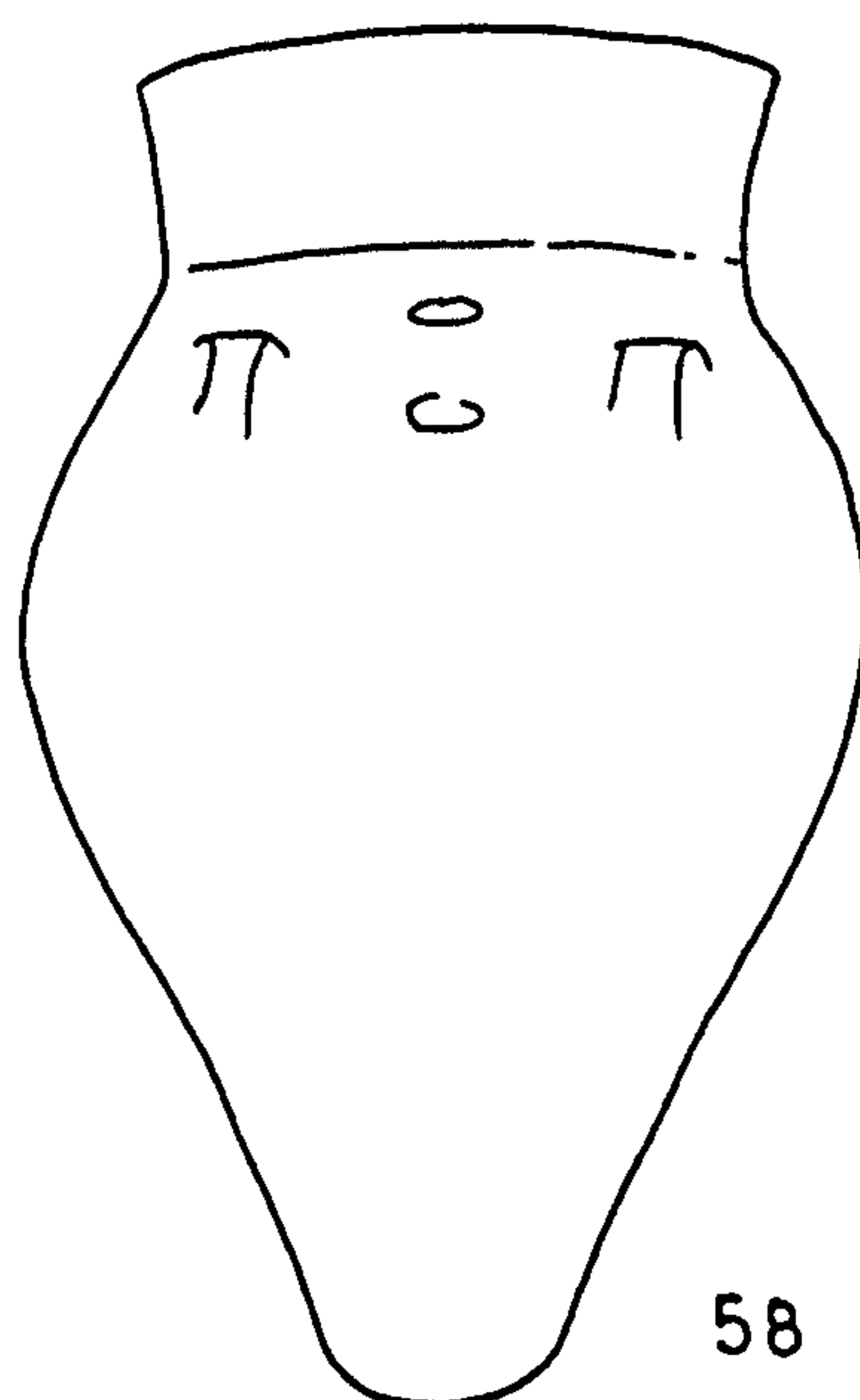
15



05

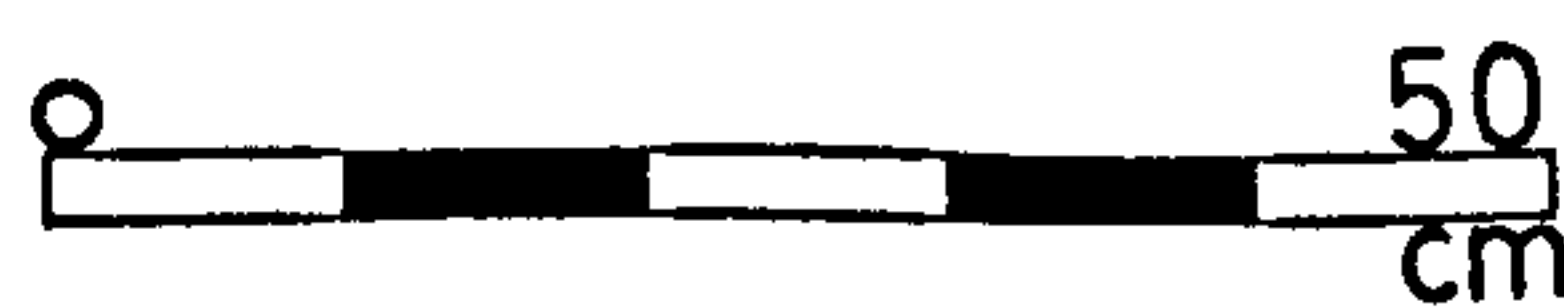


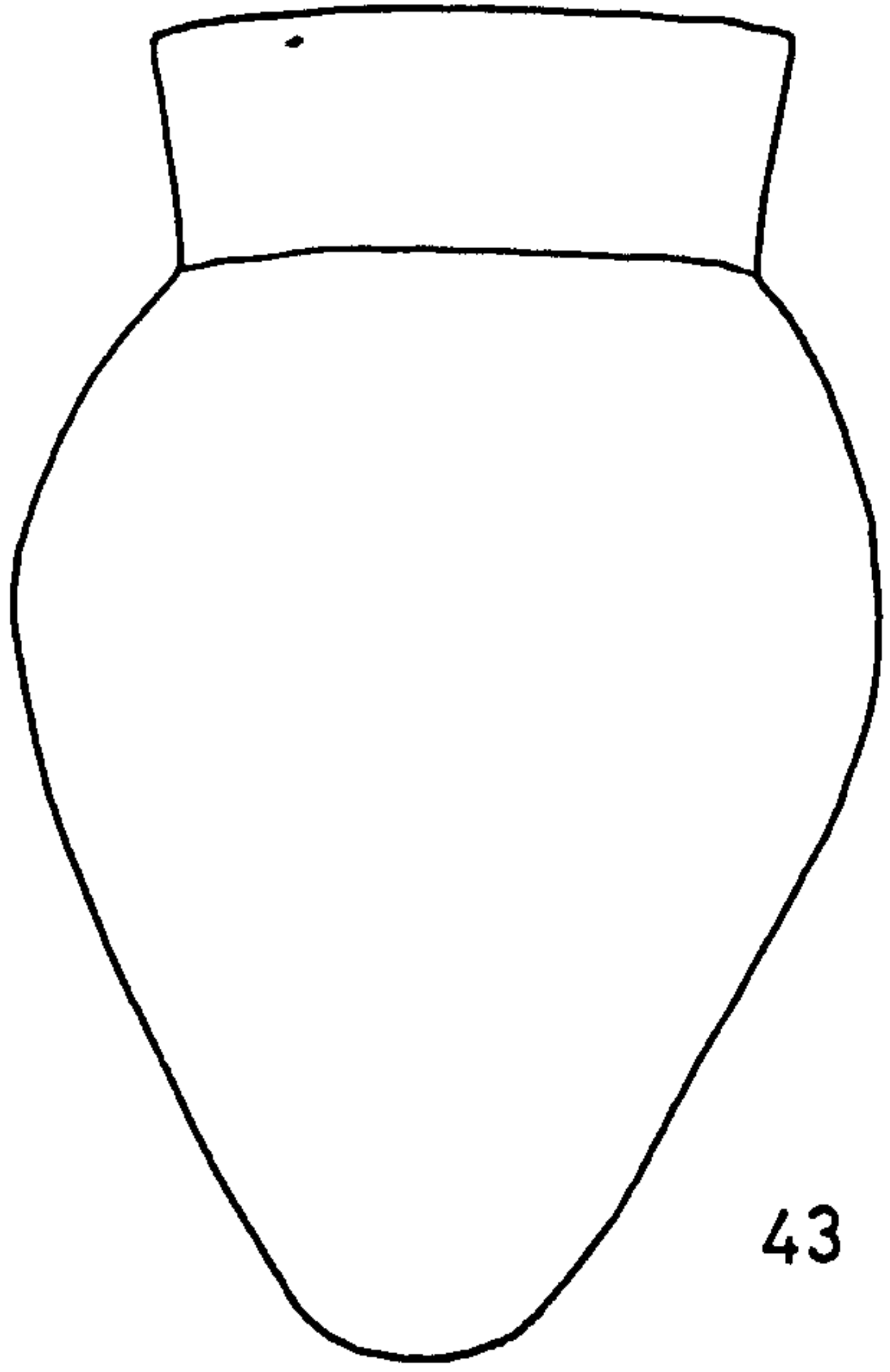
03



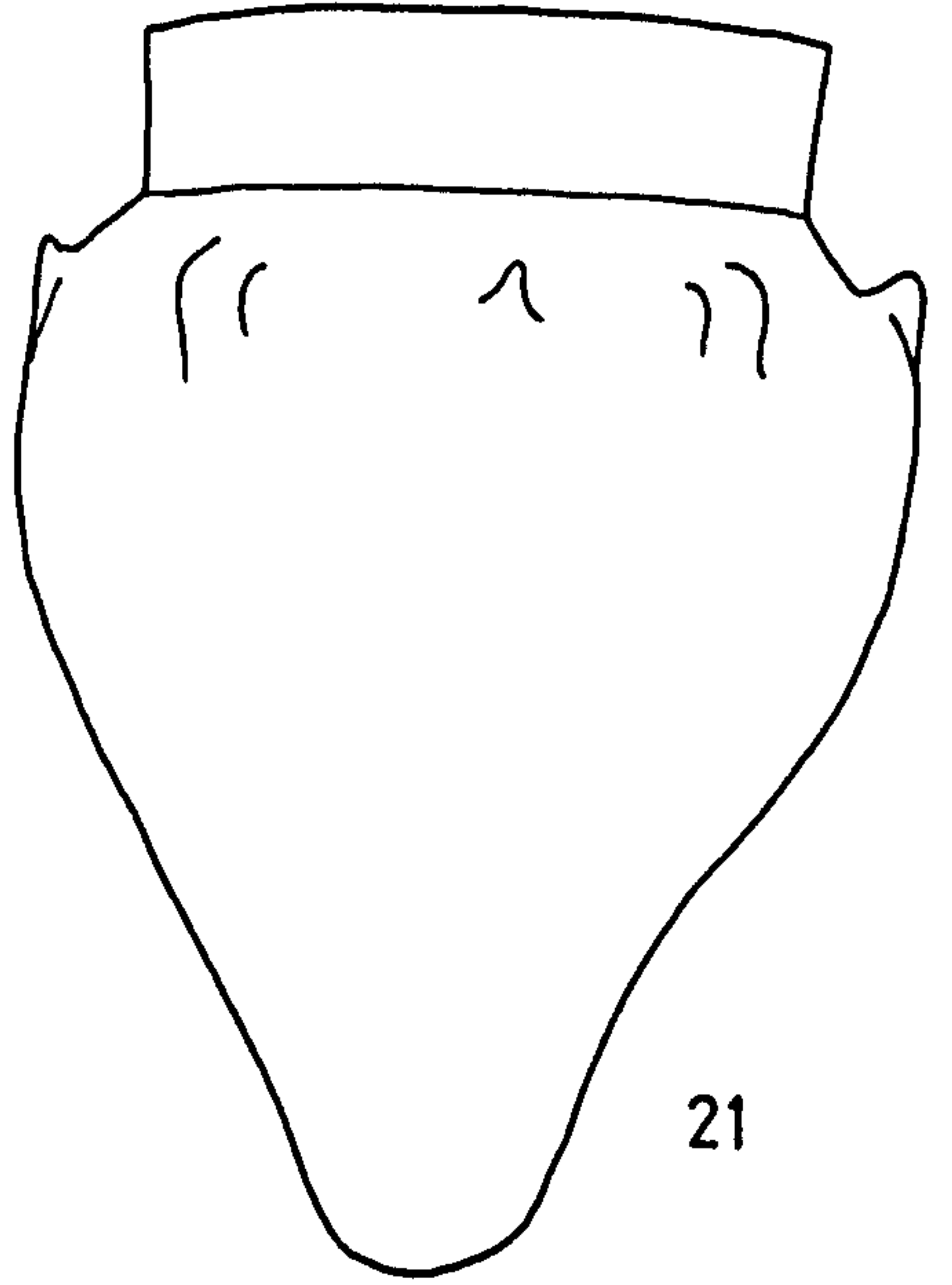
58

FIG.20

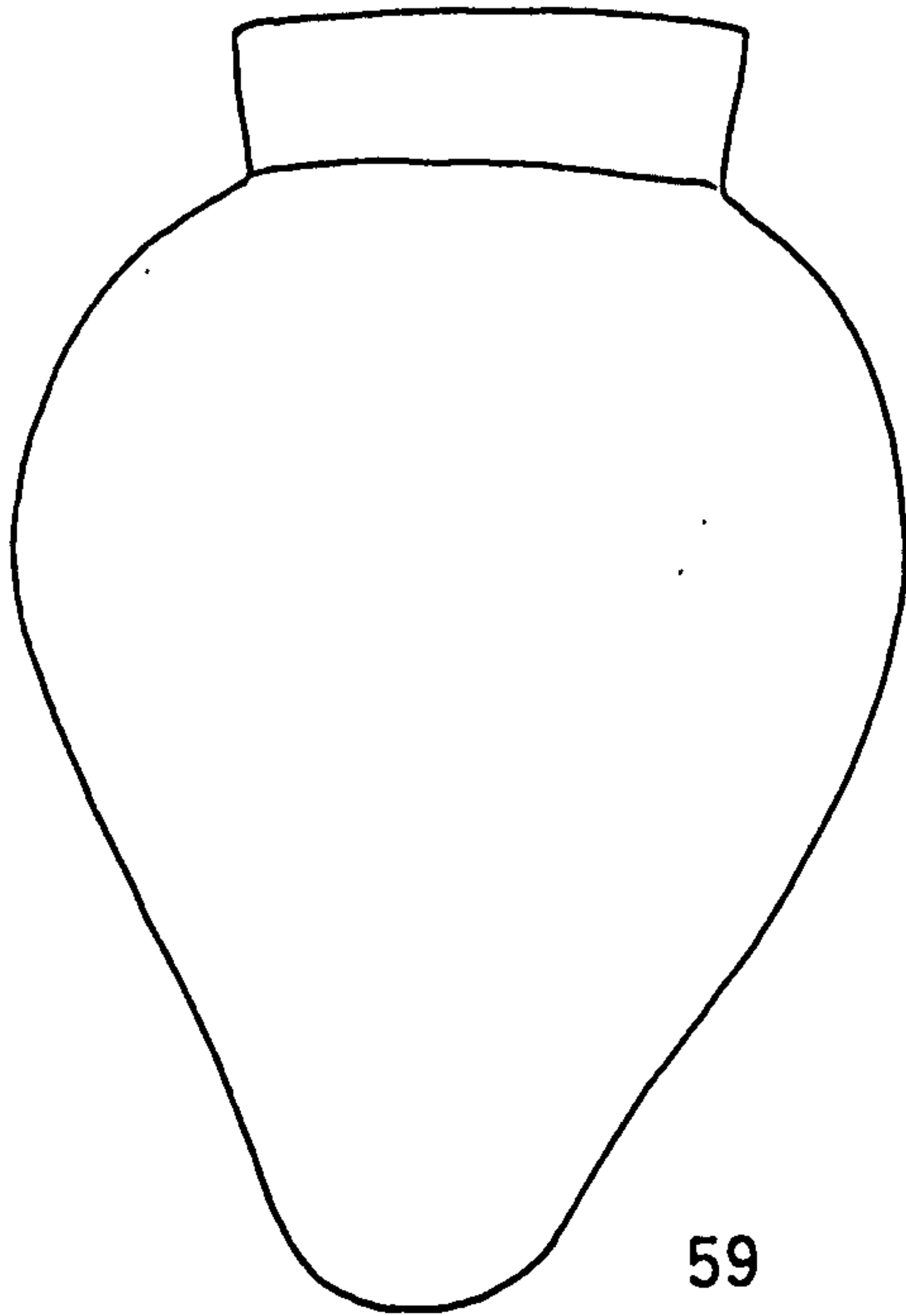




43



21



59

Shape . 6

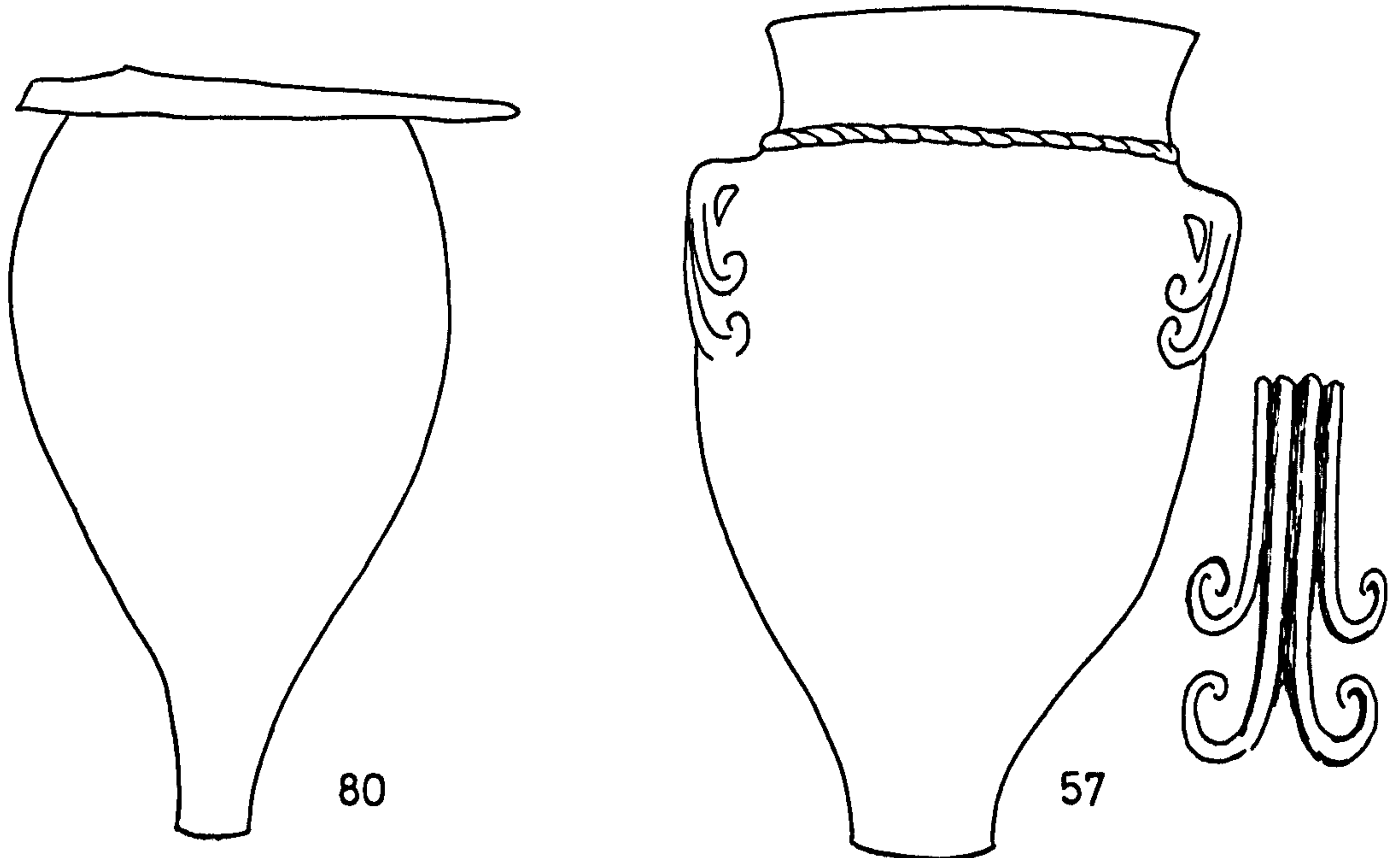
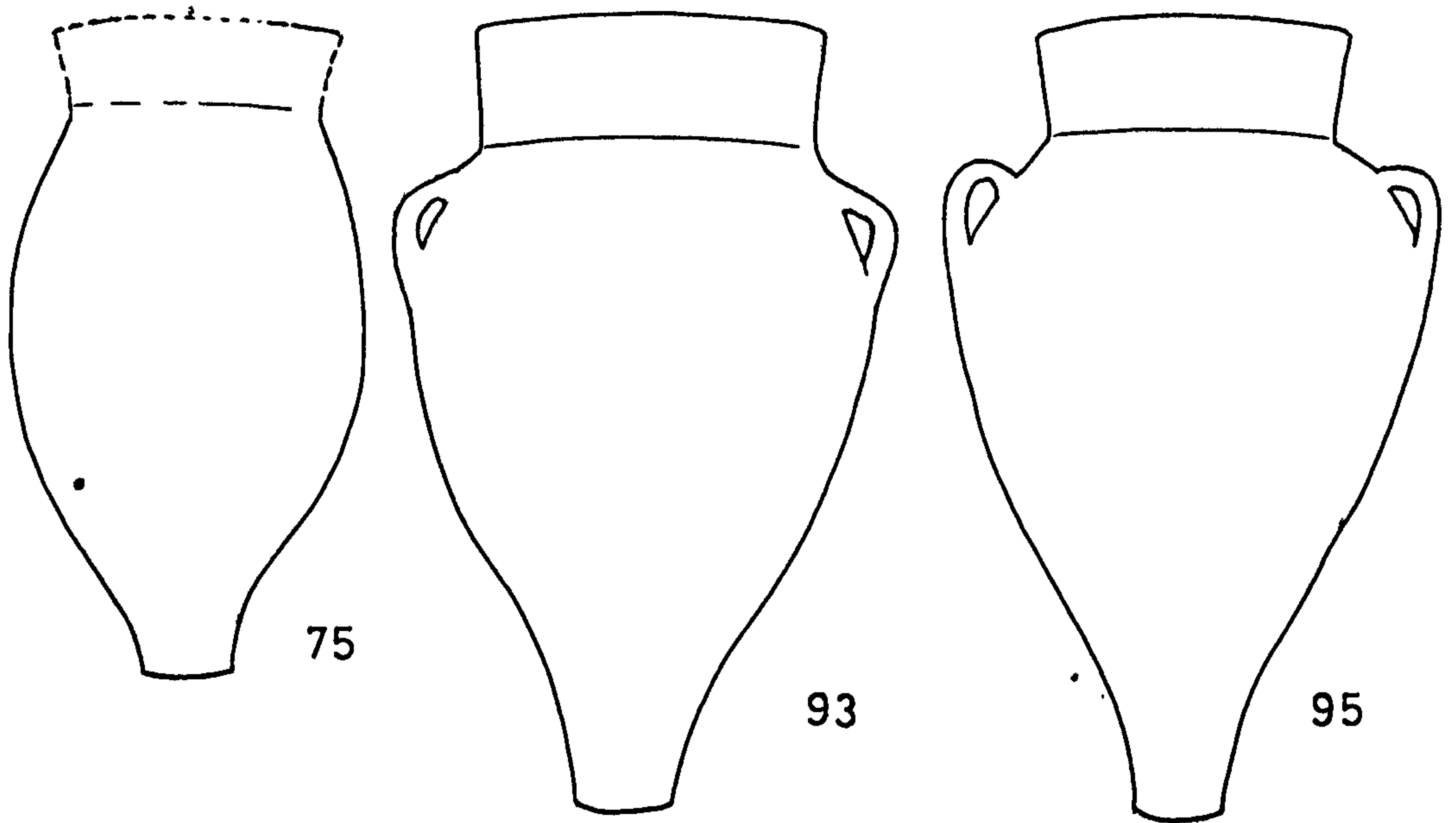
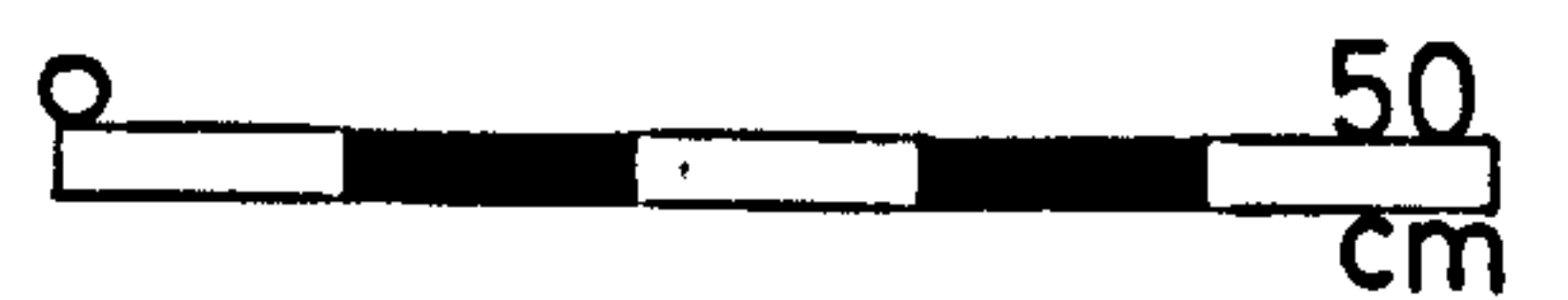


FIG. 22



CLASS A POTTERY
SHAPE I

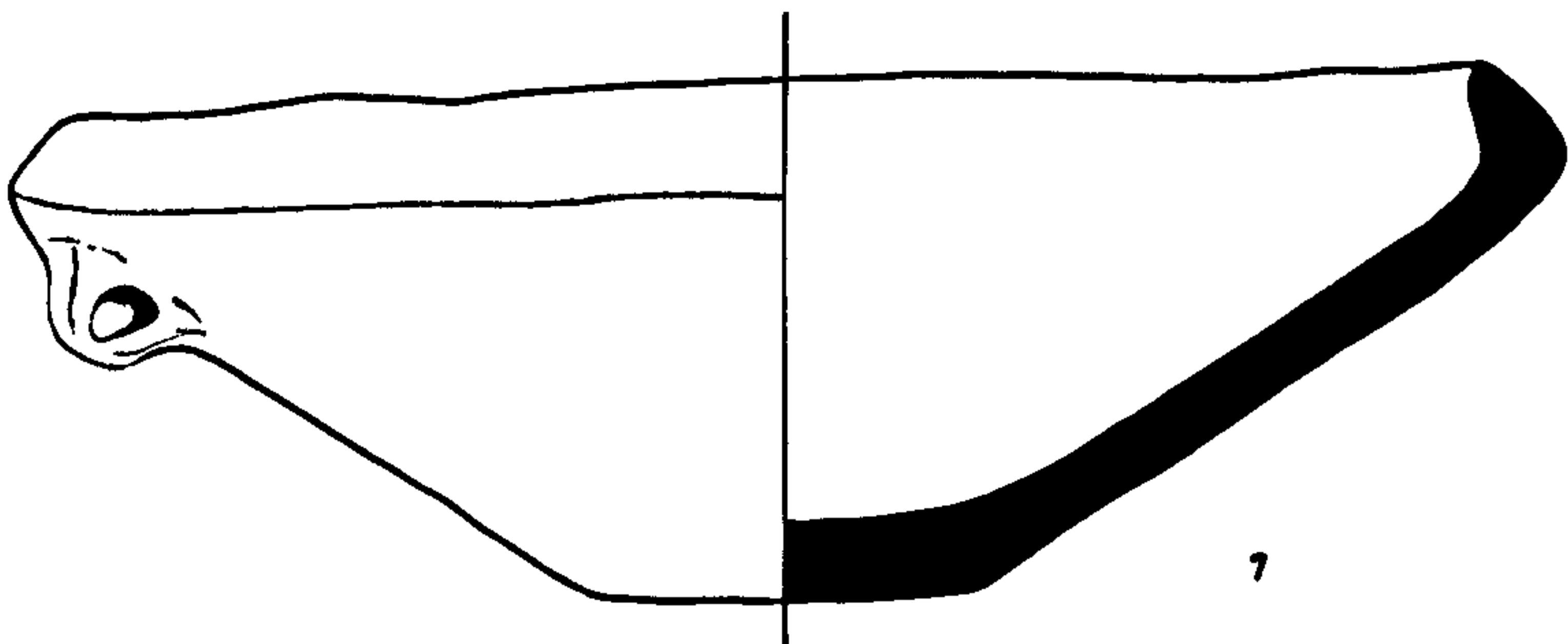
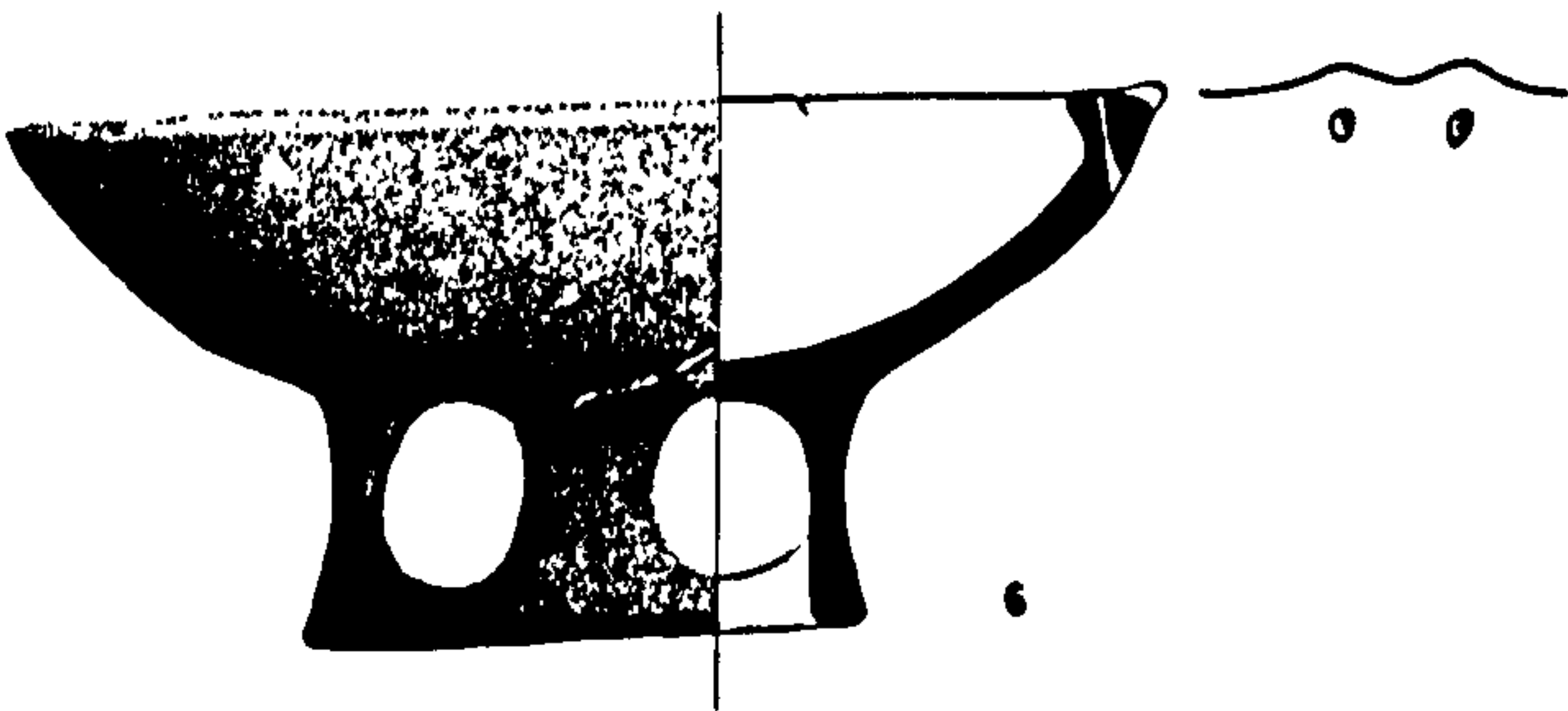
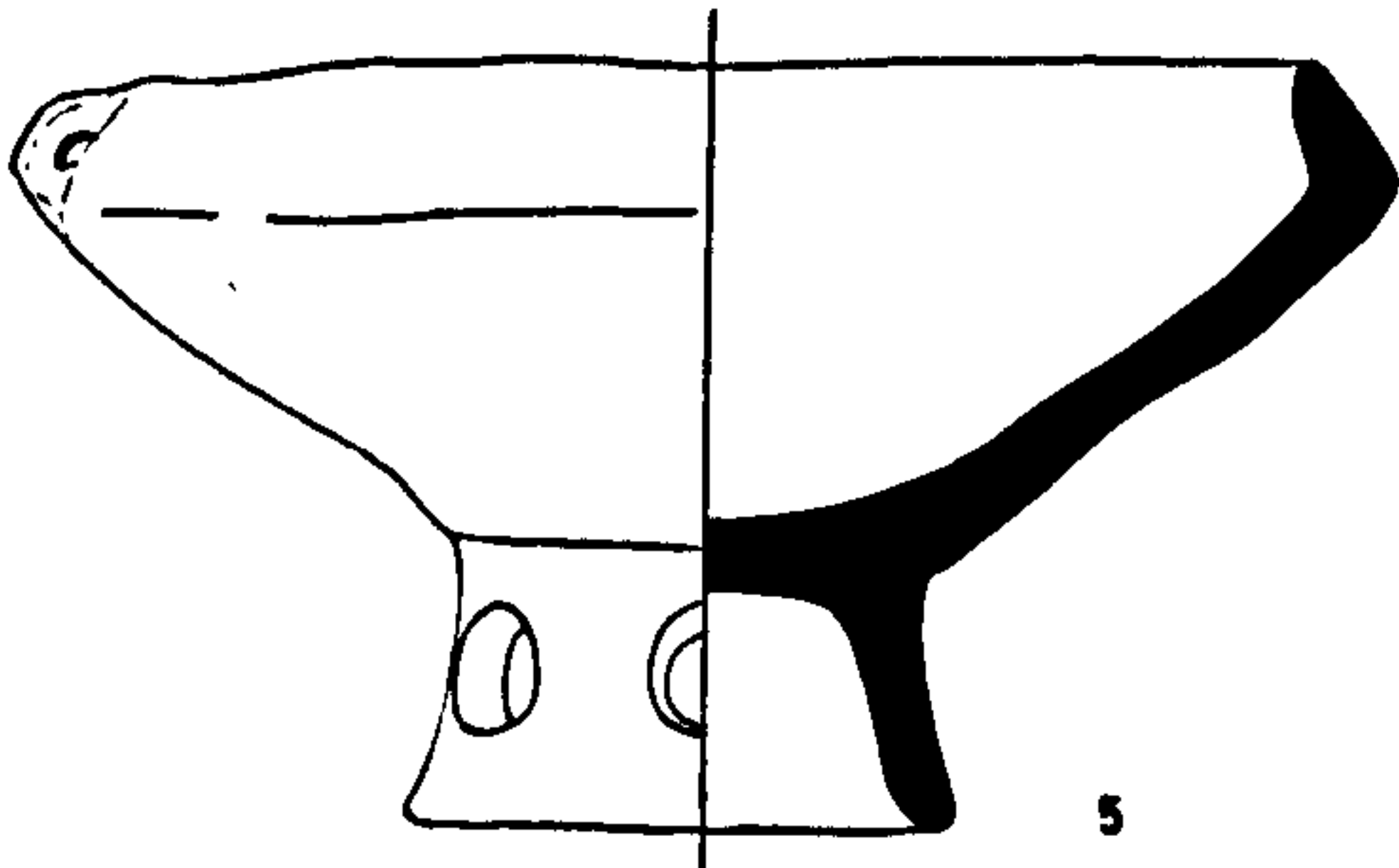
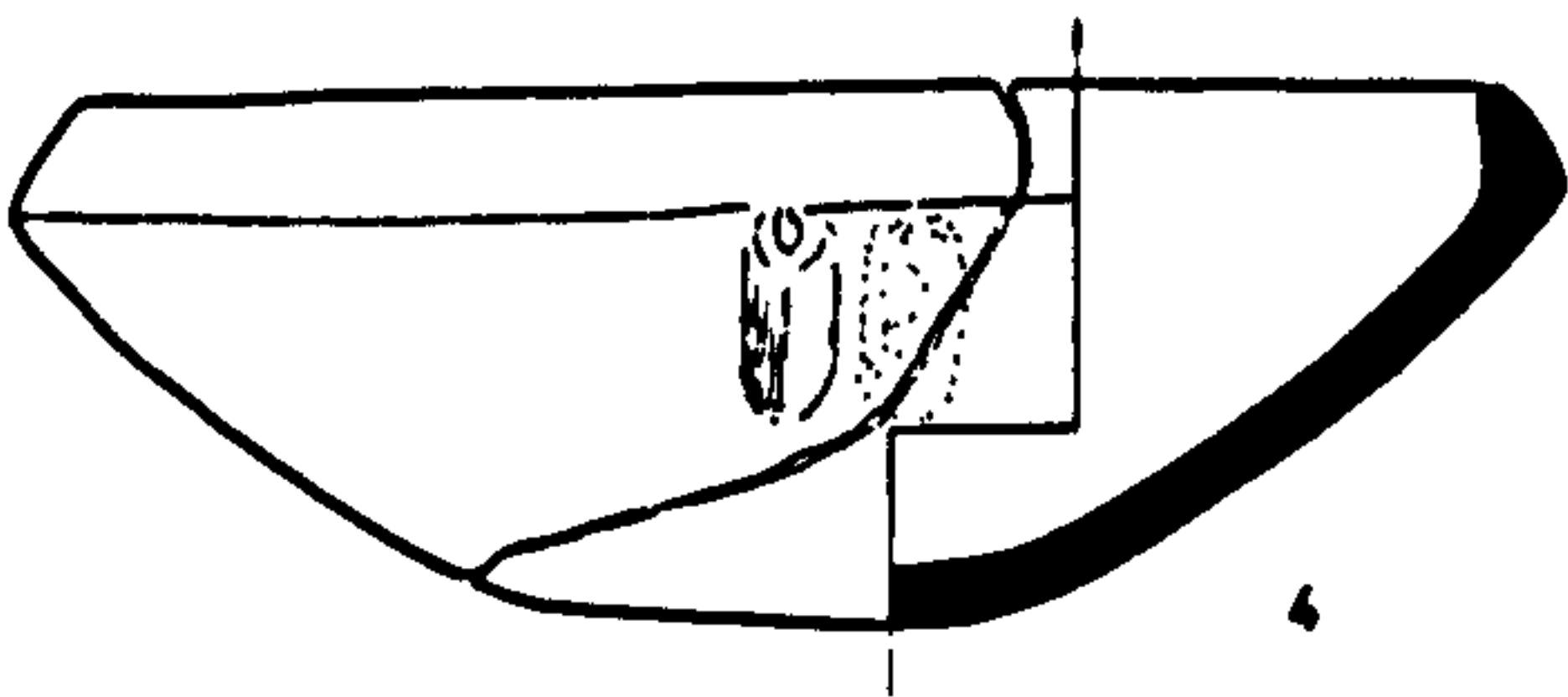
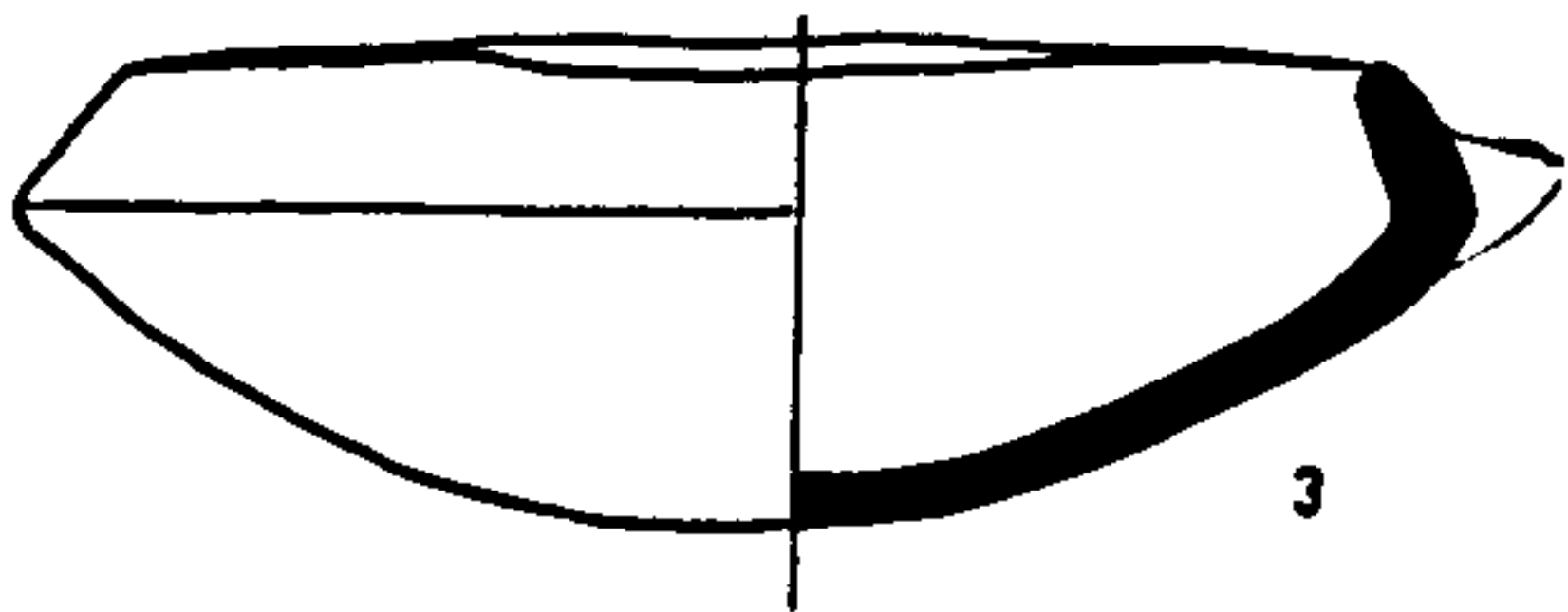
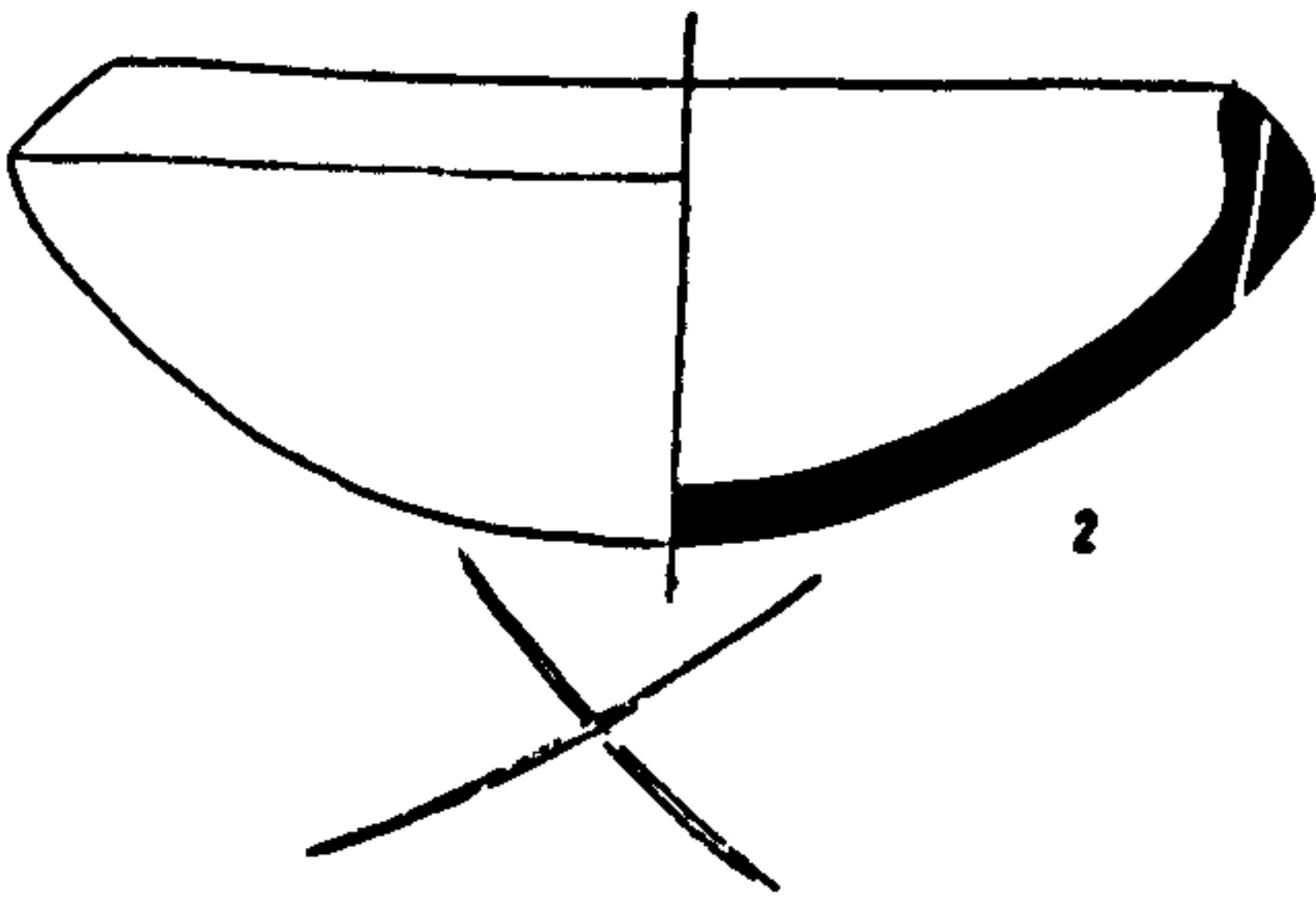
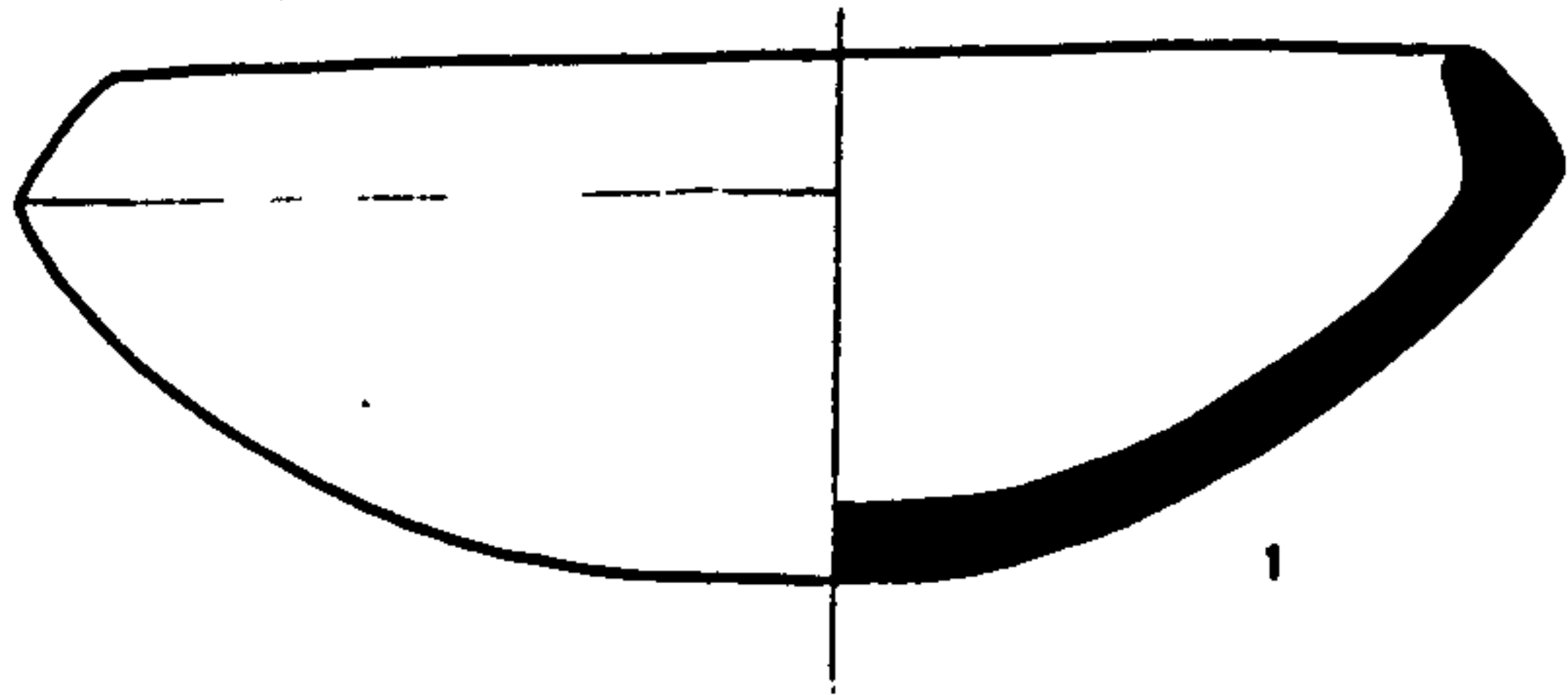
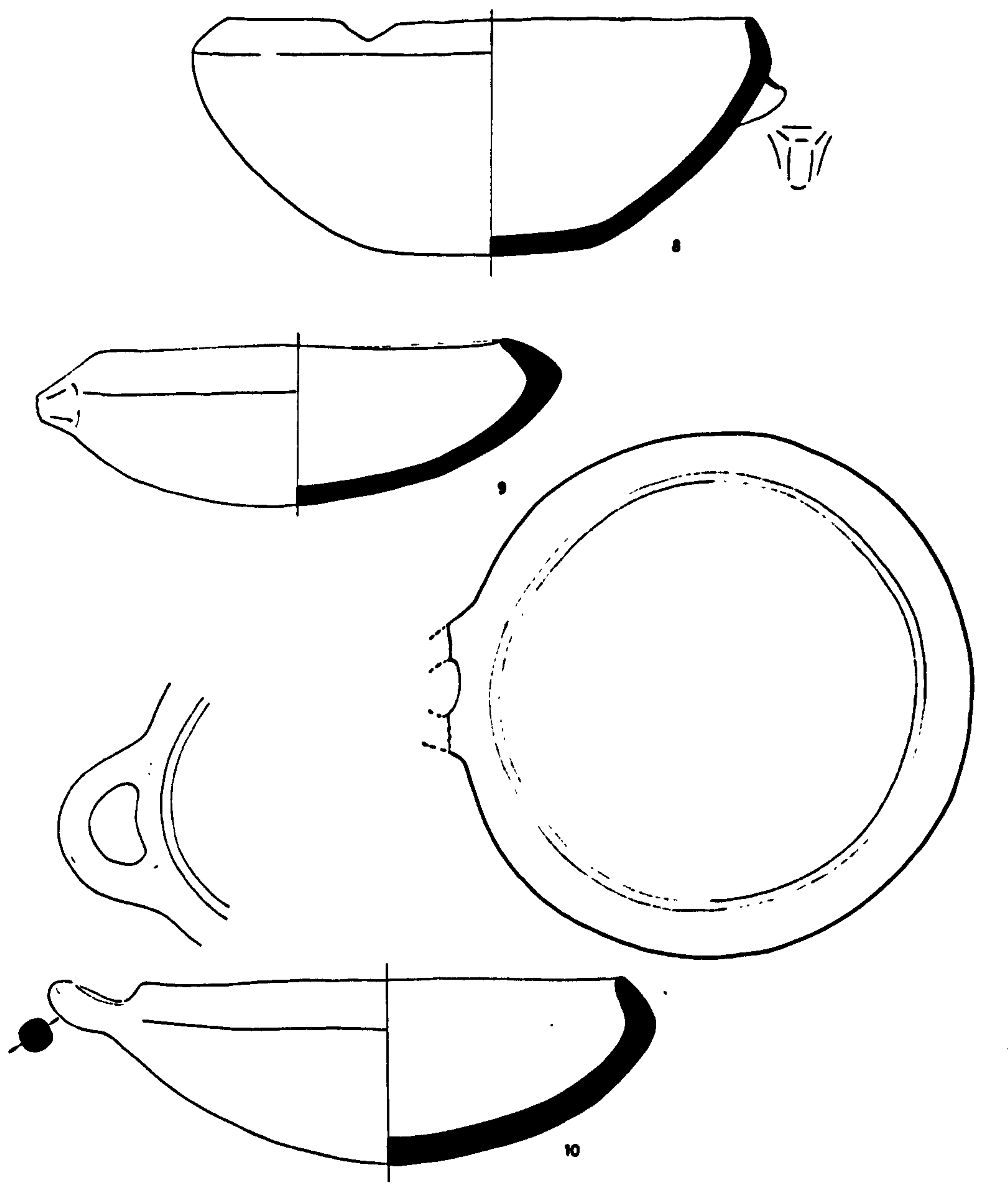


FIG. 23



RED WARE

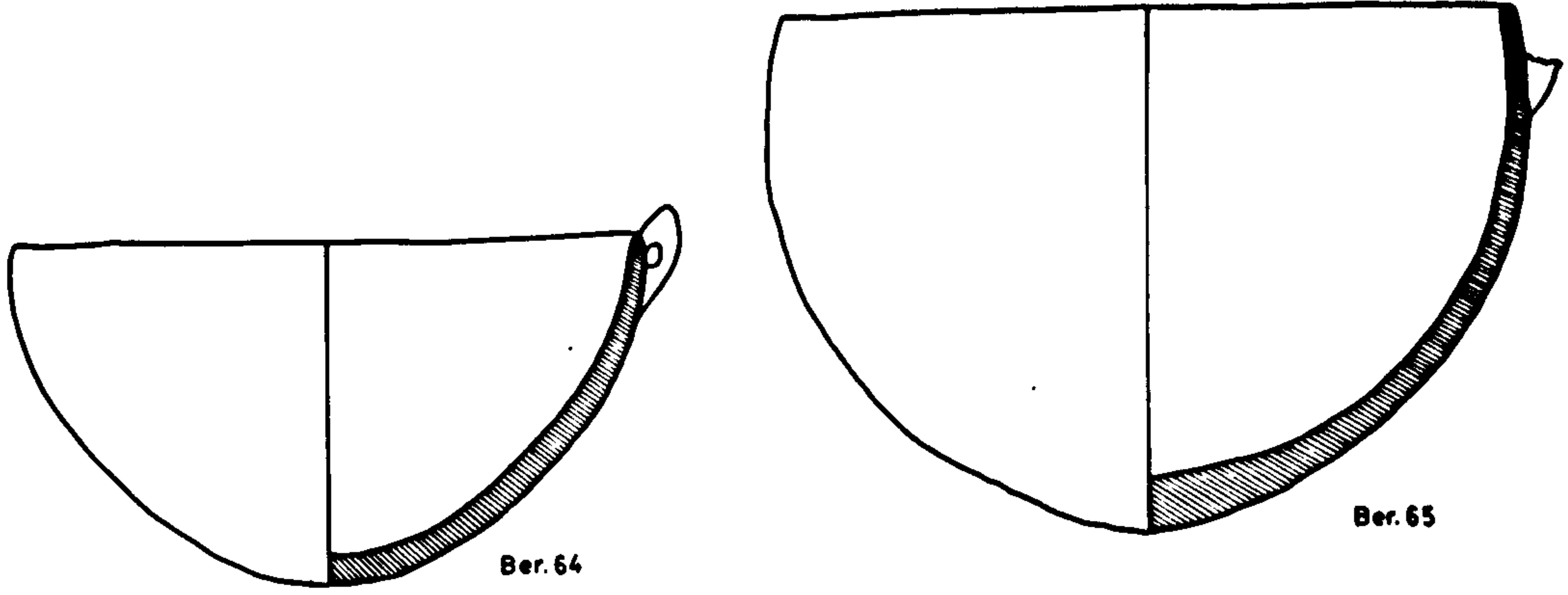


FIG. 24

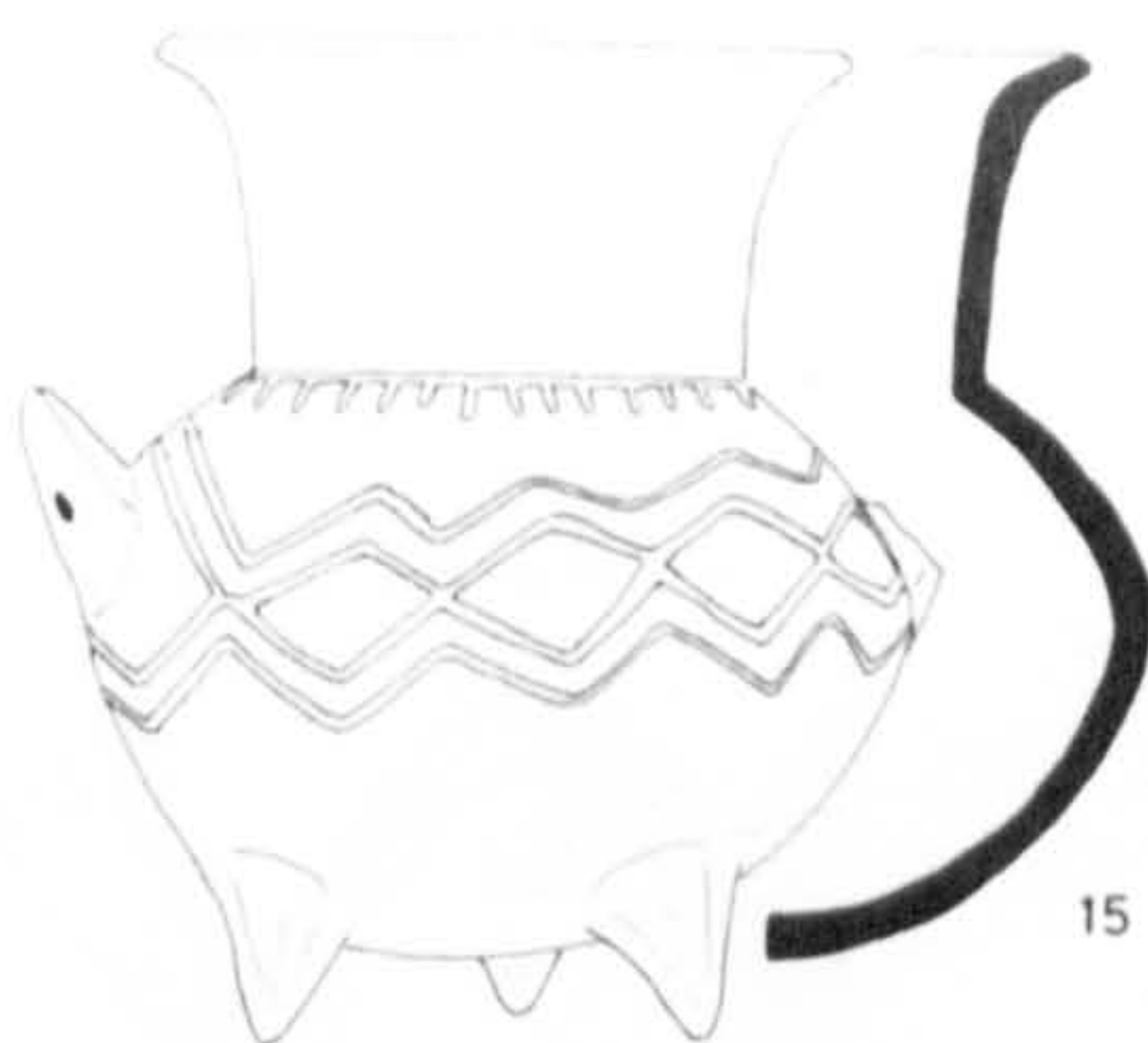
SHAPE II



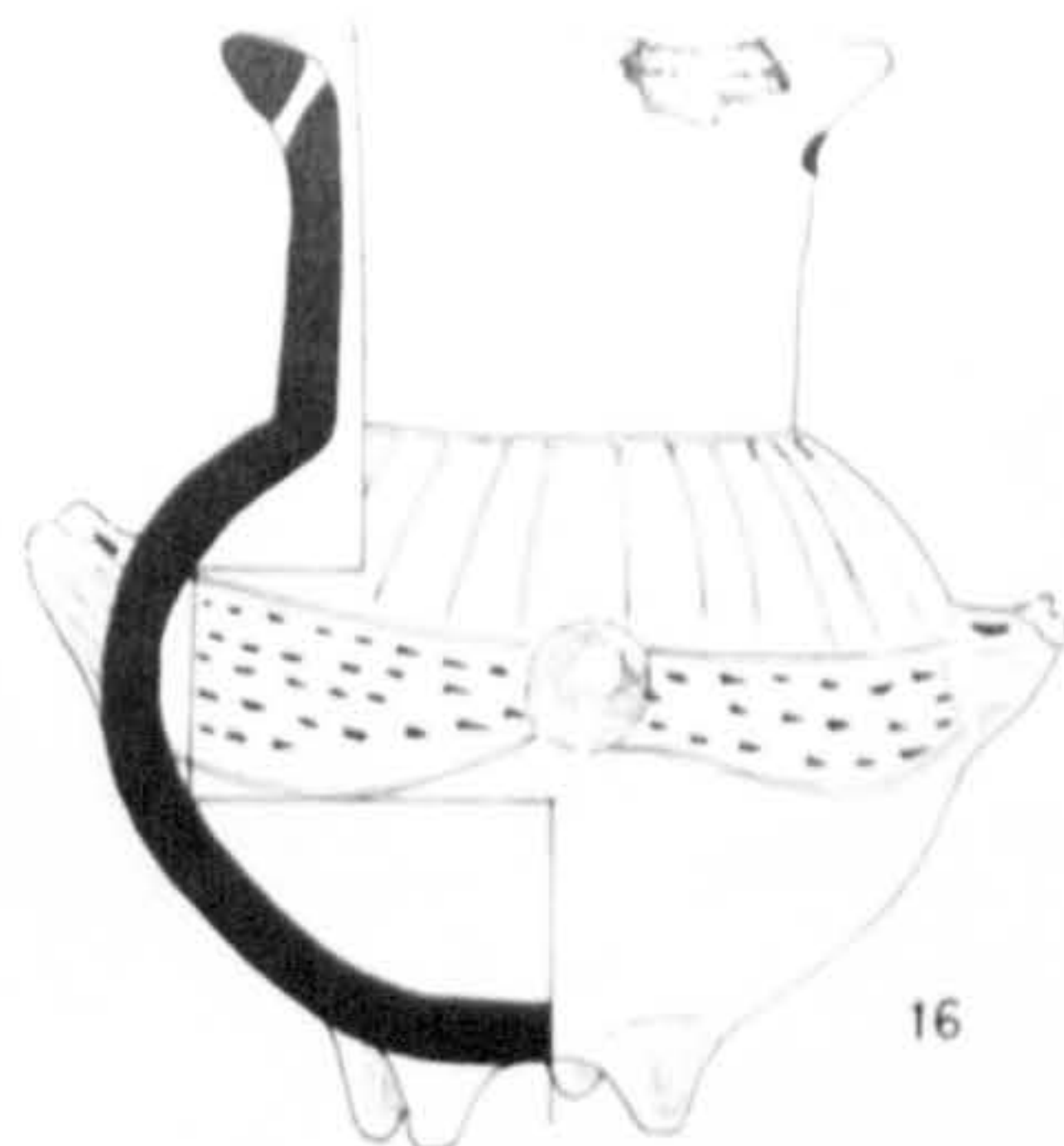
FIG. 25



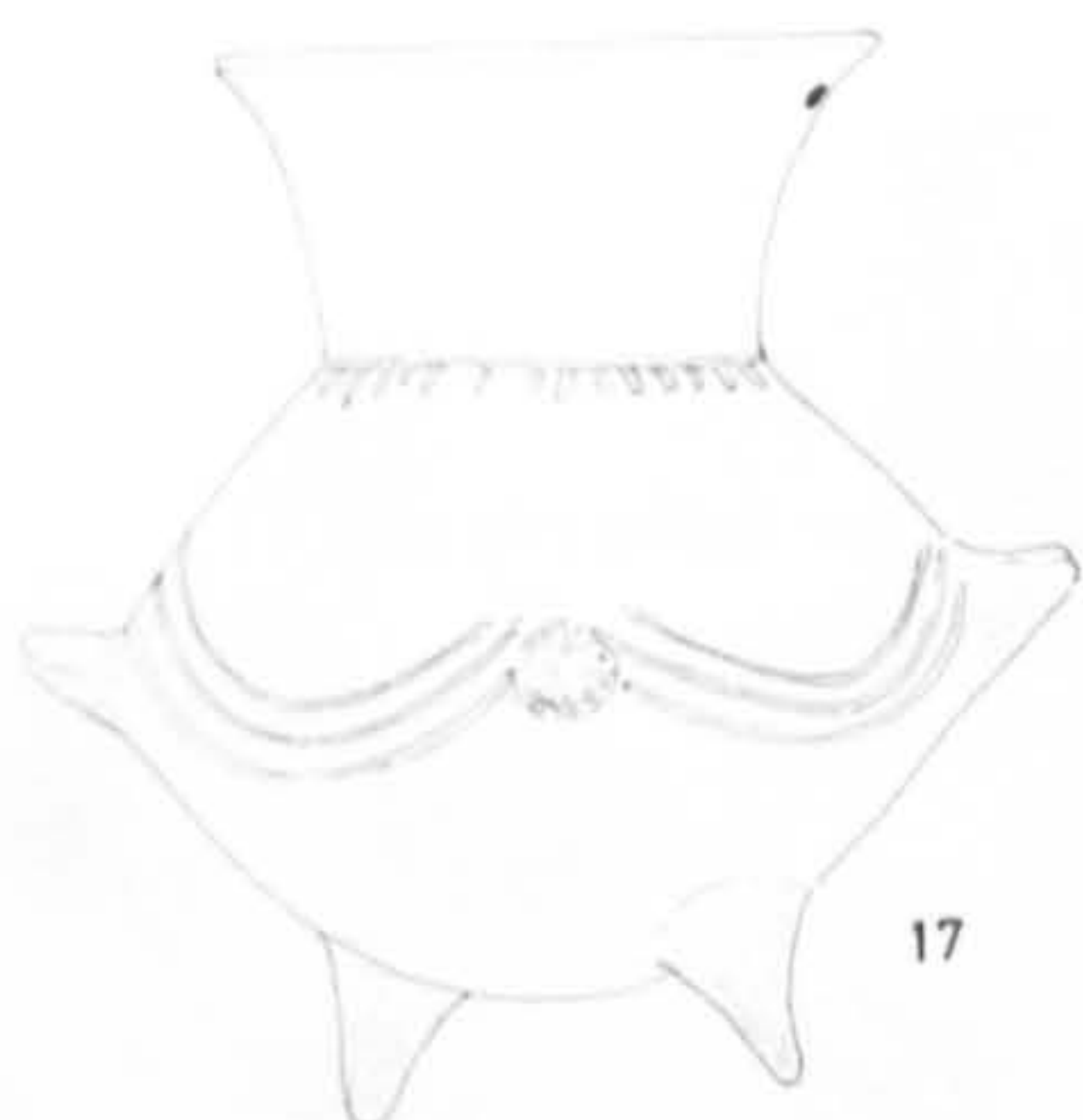
14



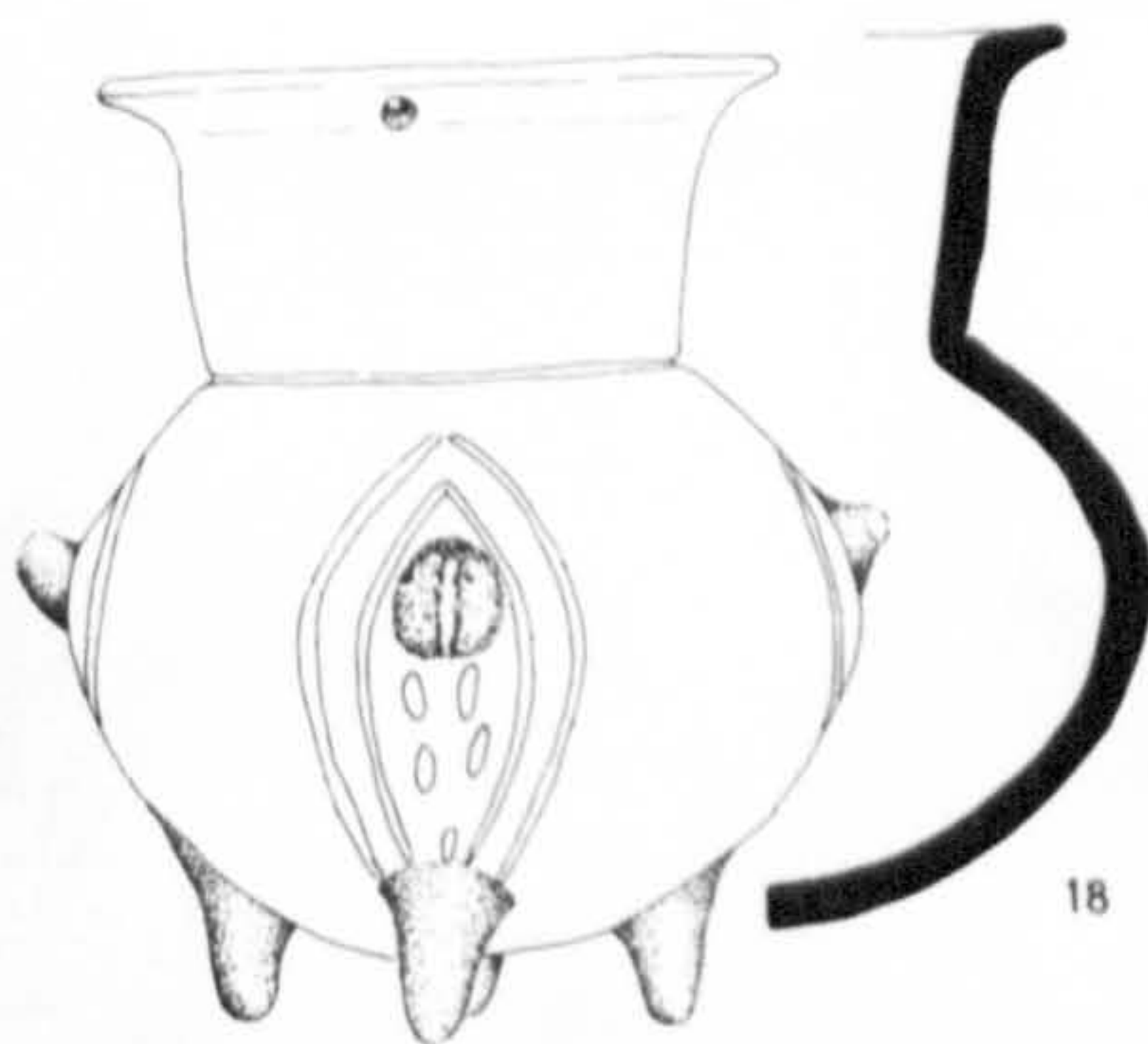
15



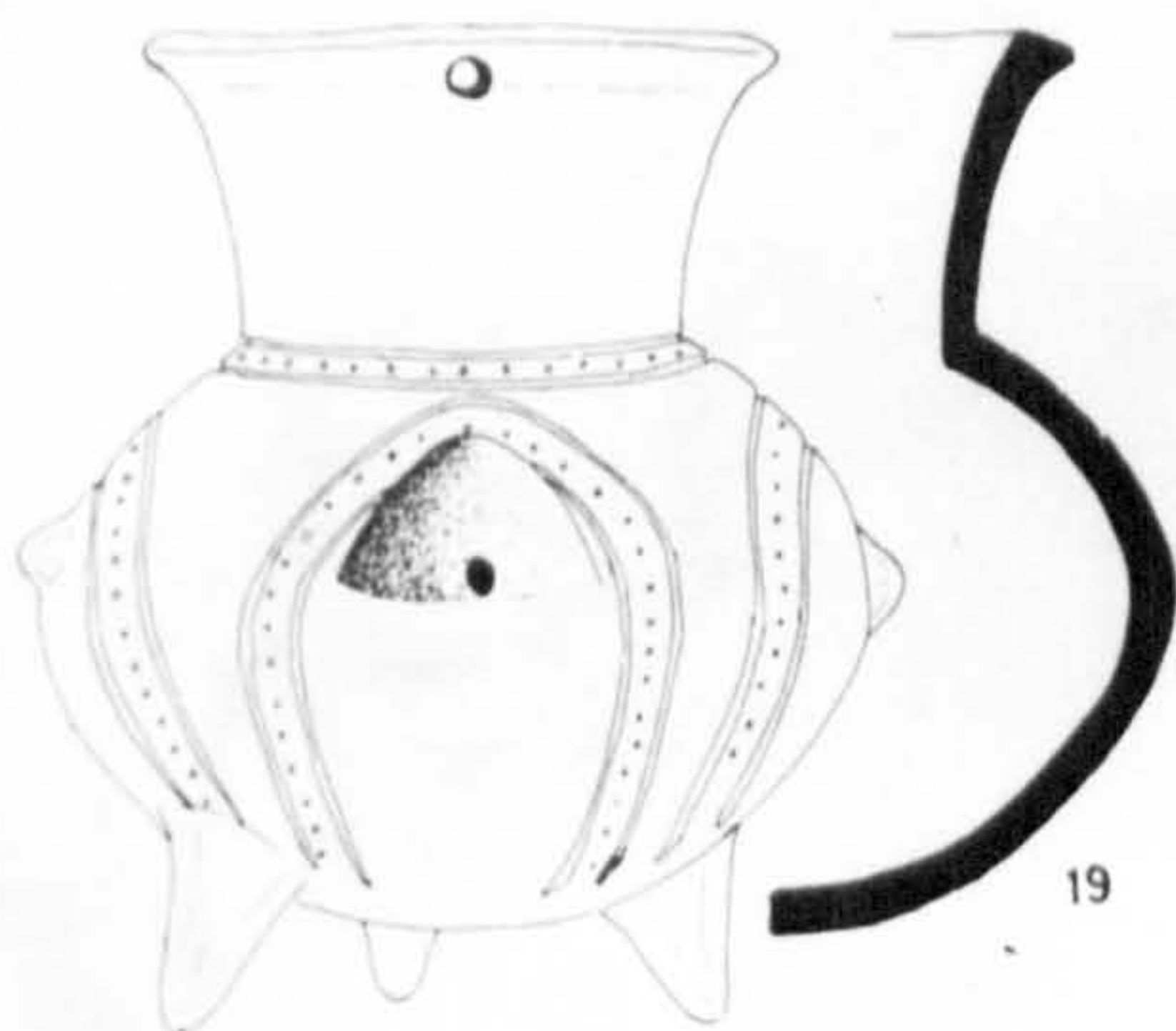
16



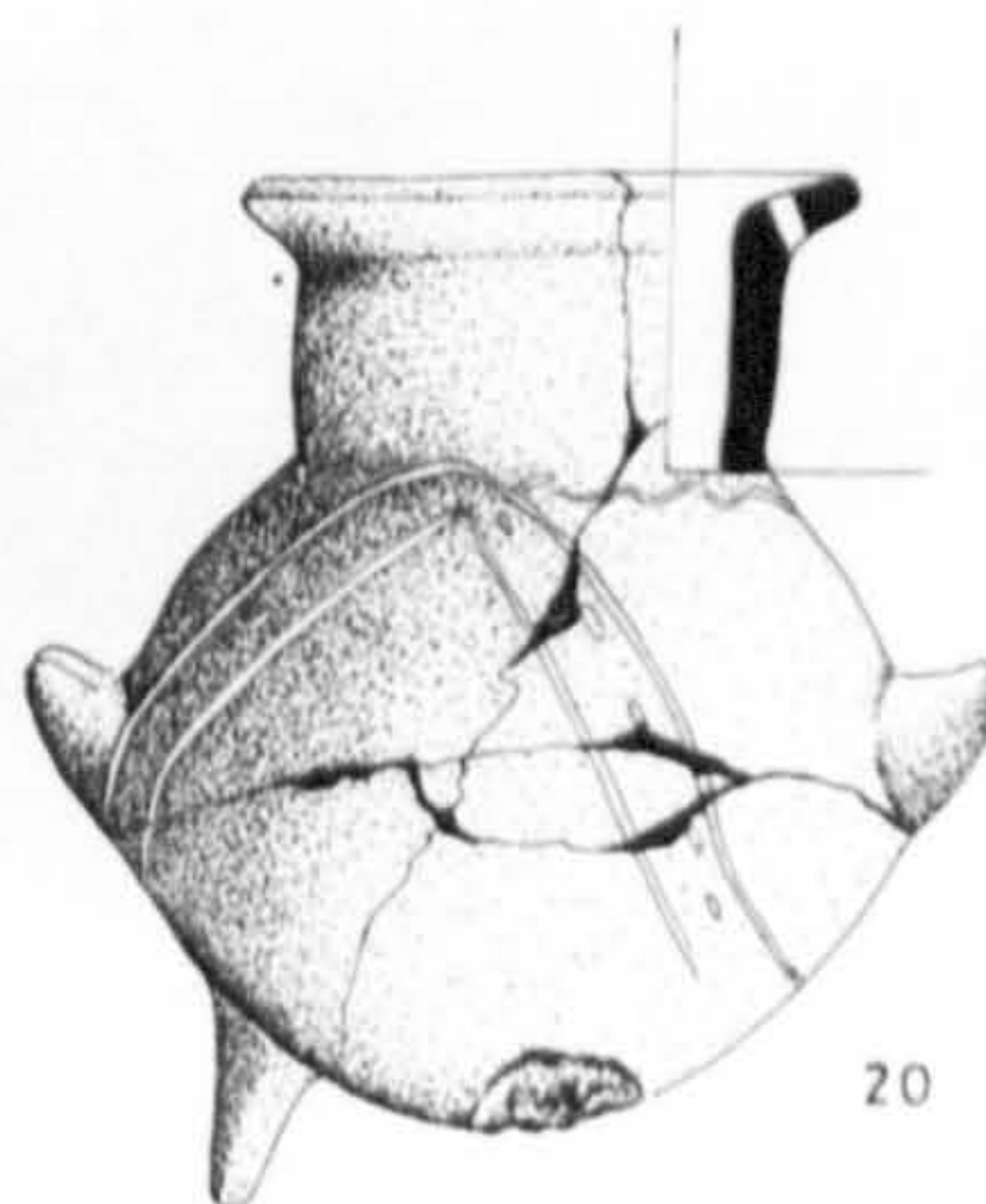
17



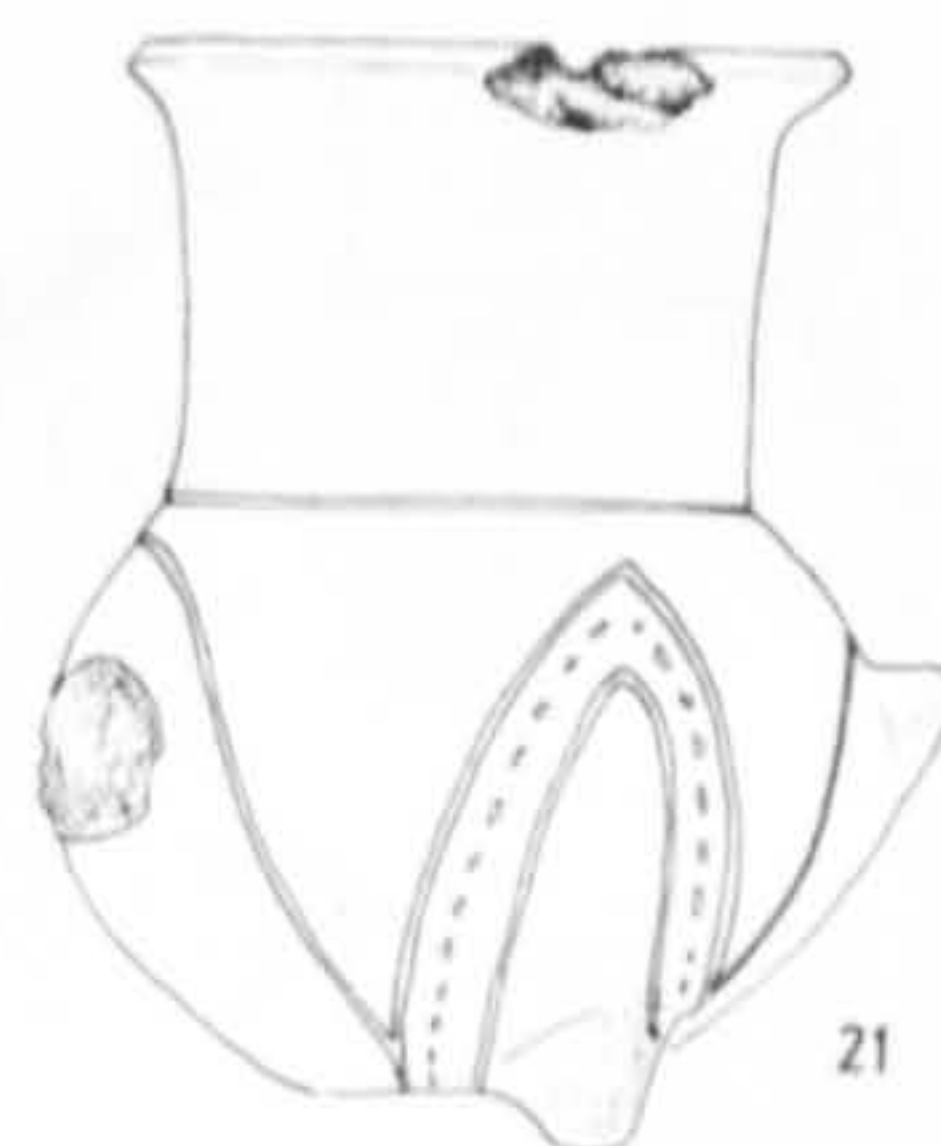
18



19



20



21



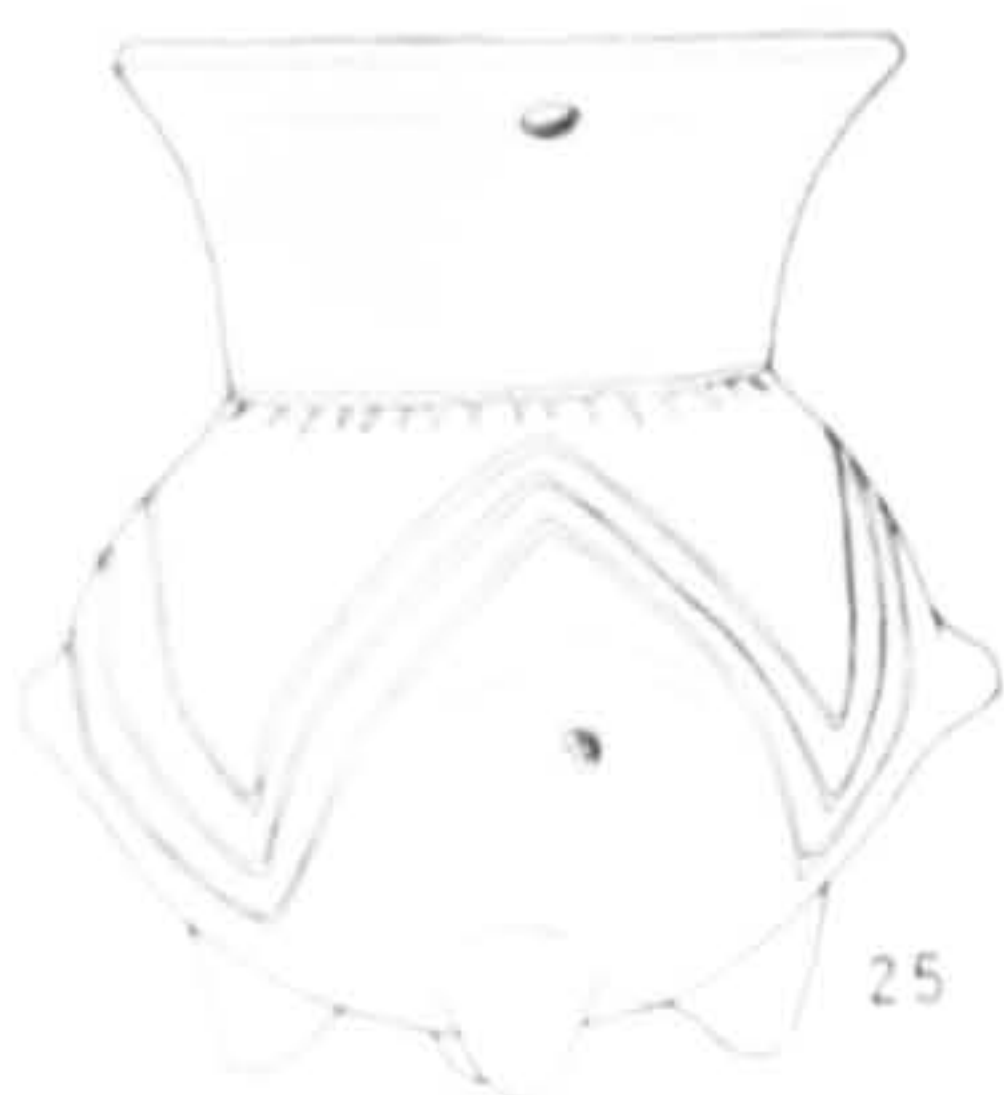
22



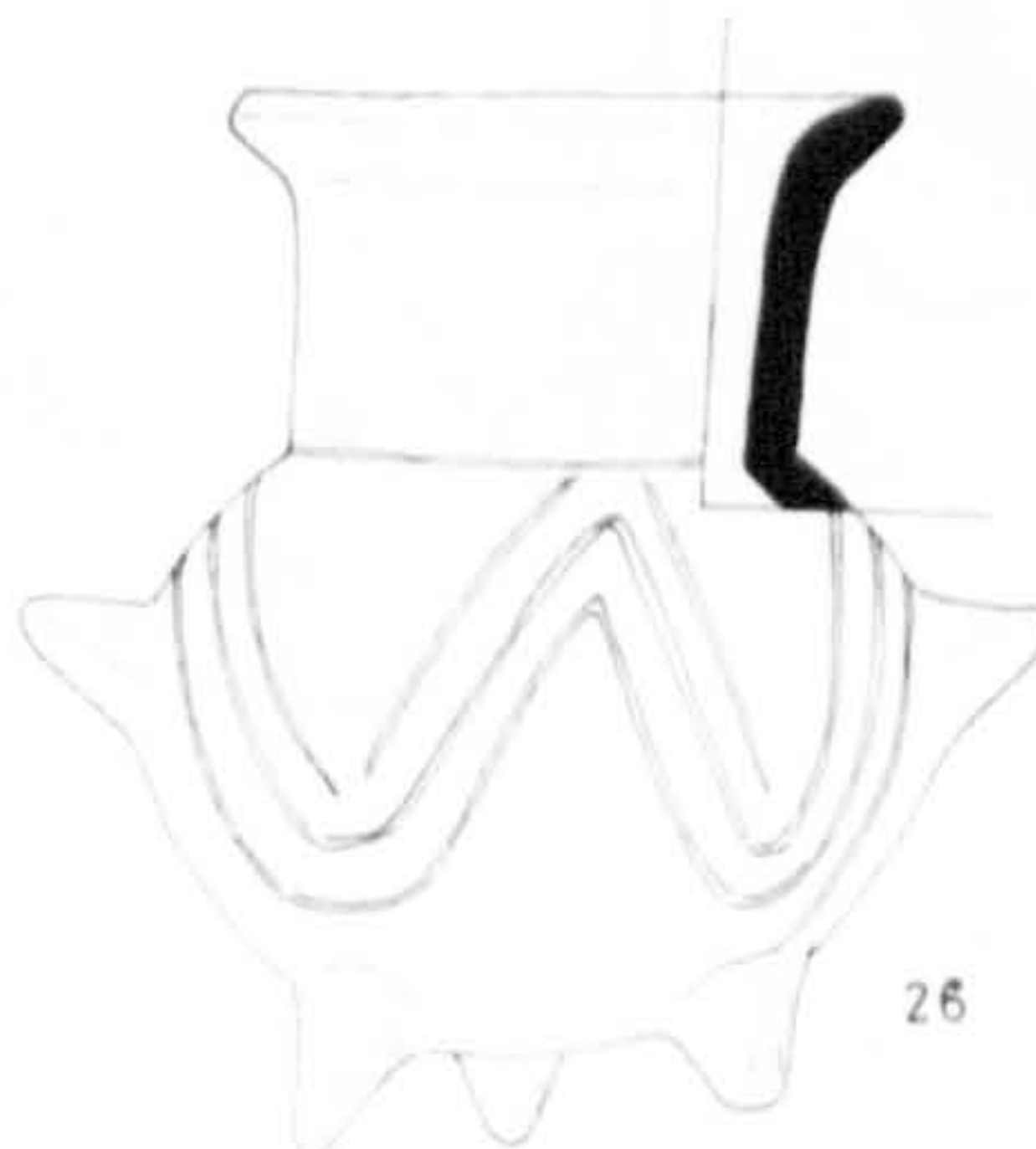
23



24



25



26



FIG 26

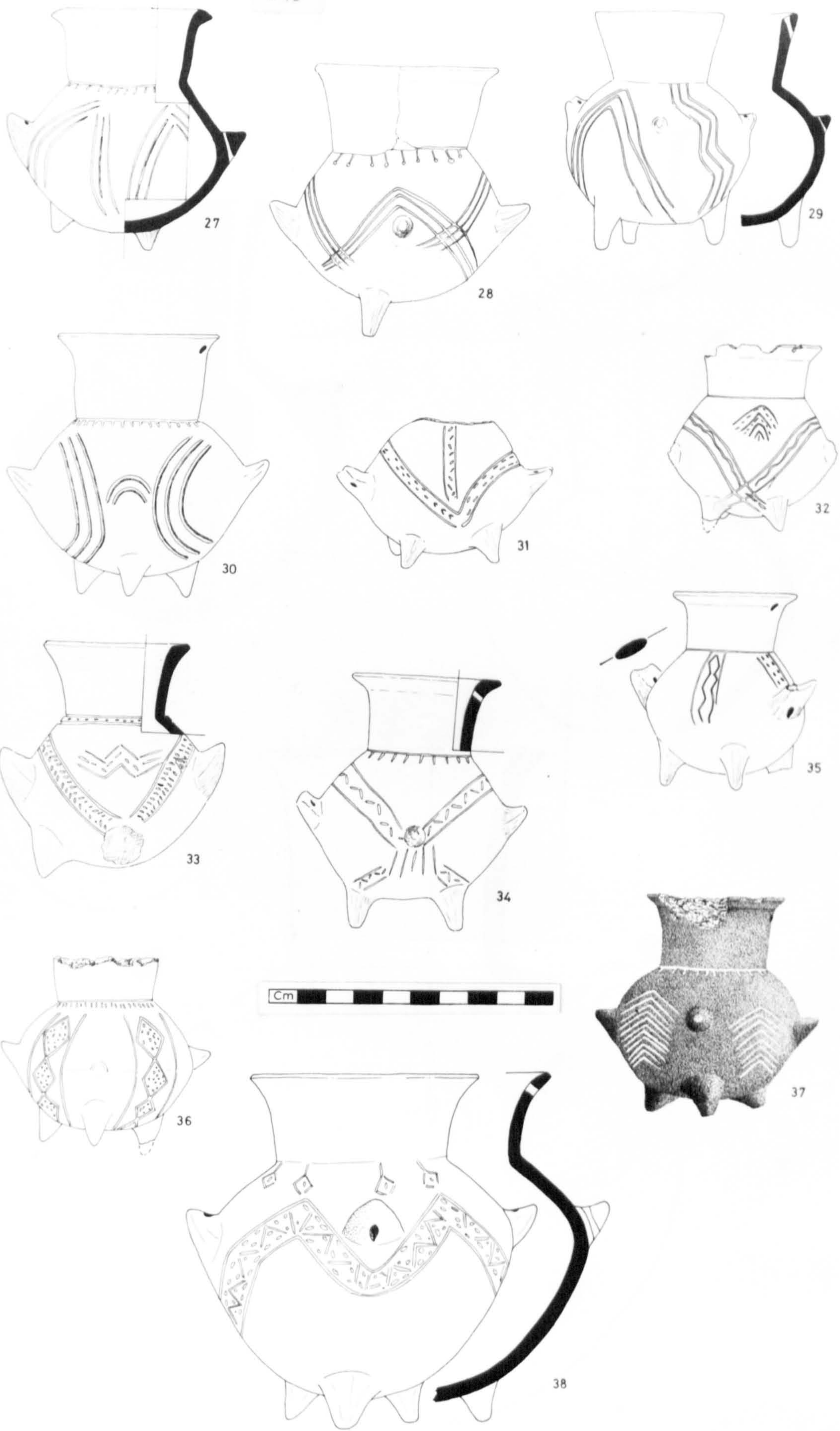


FIG. 27

SHAPE III

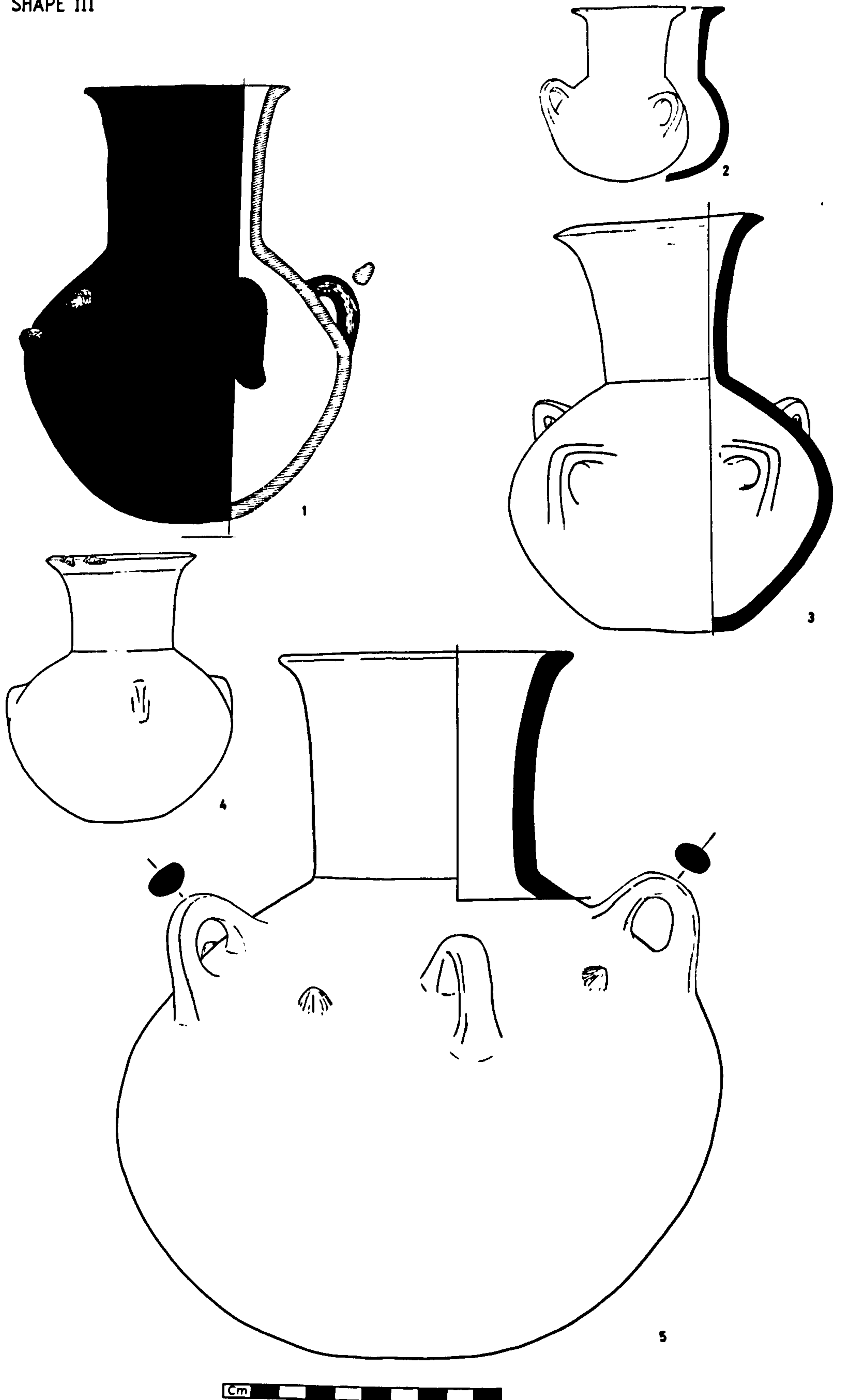
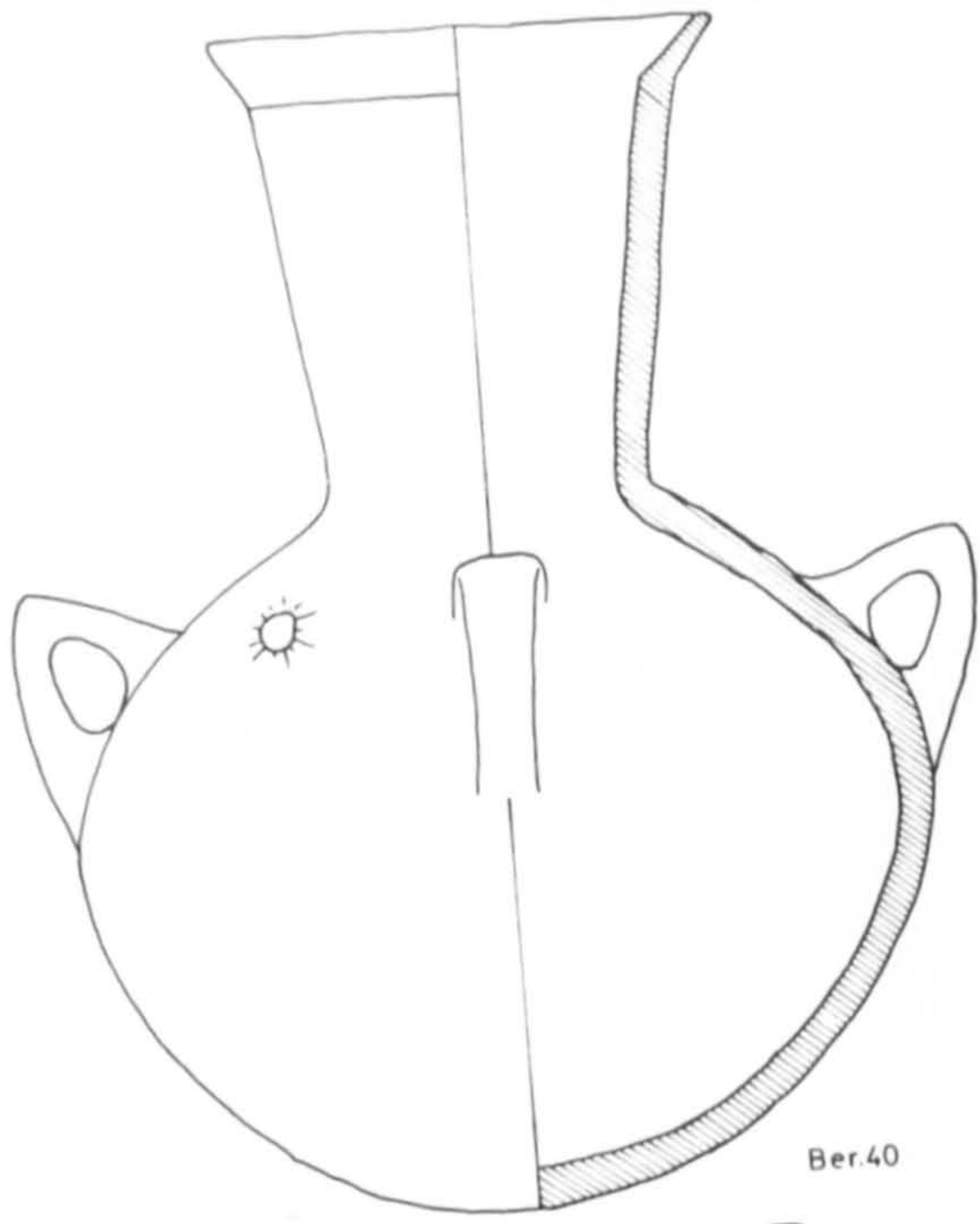
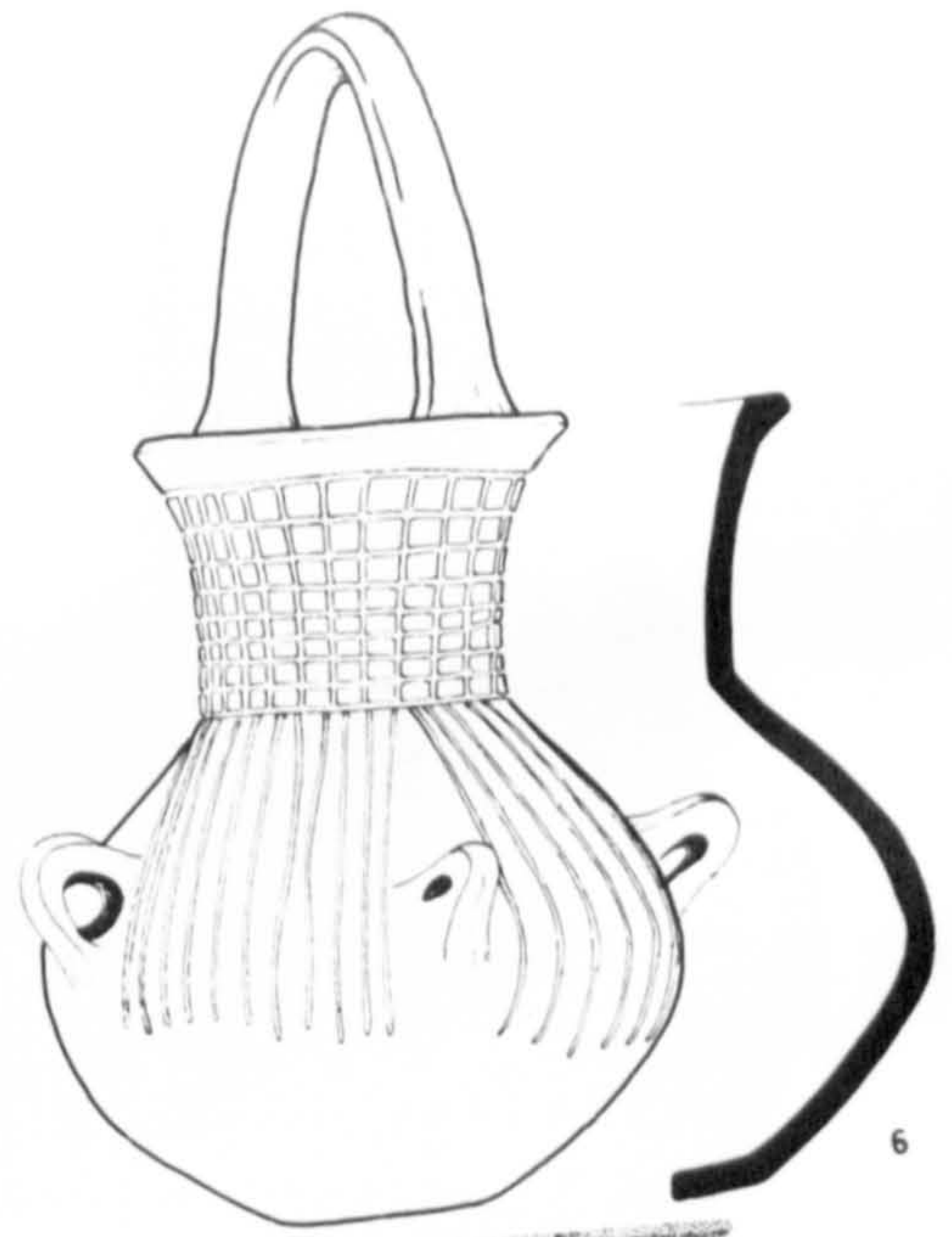


FIG. 28



Ber.40



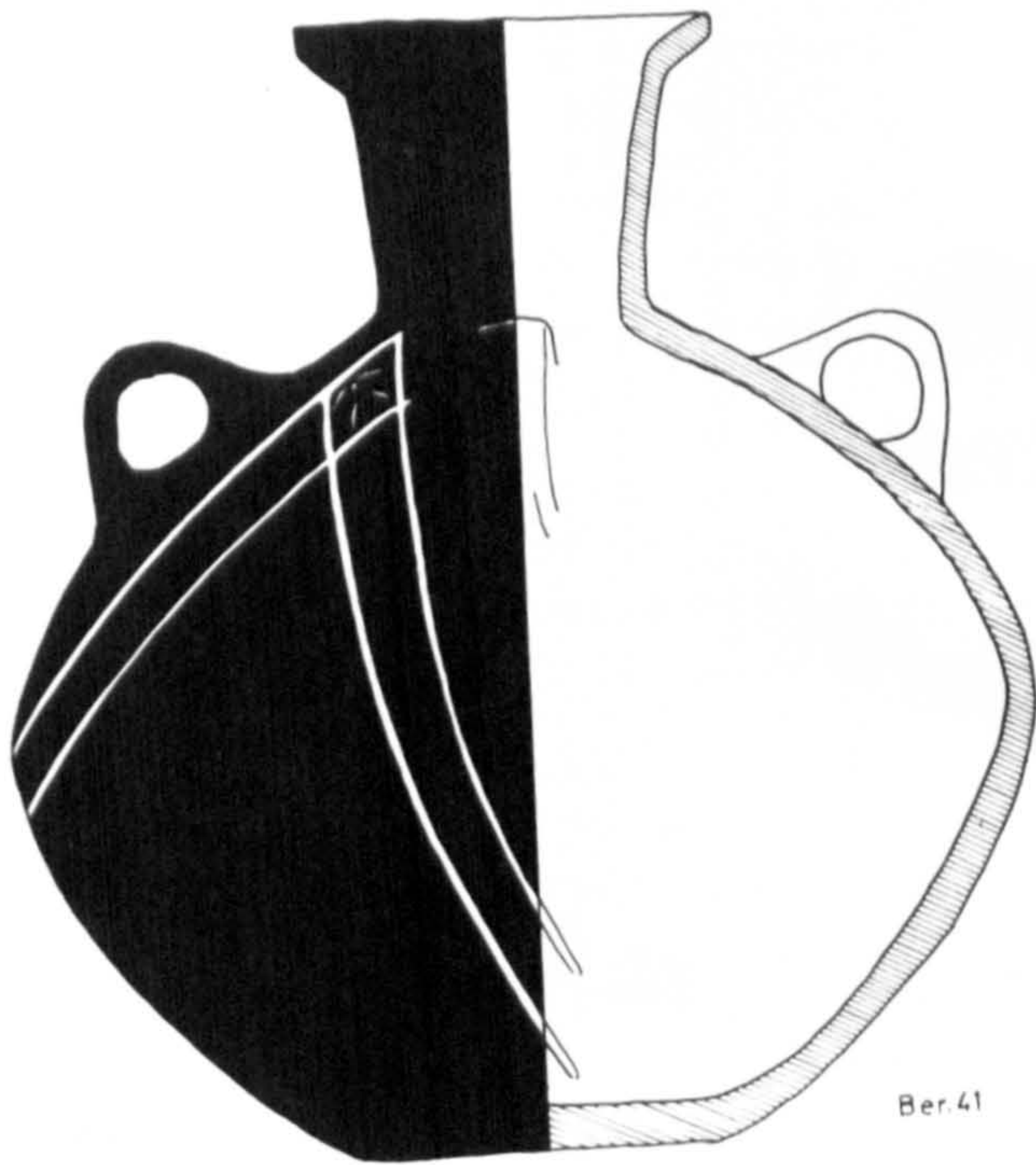
6



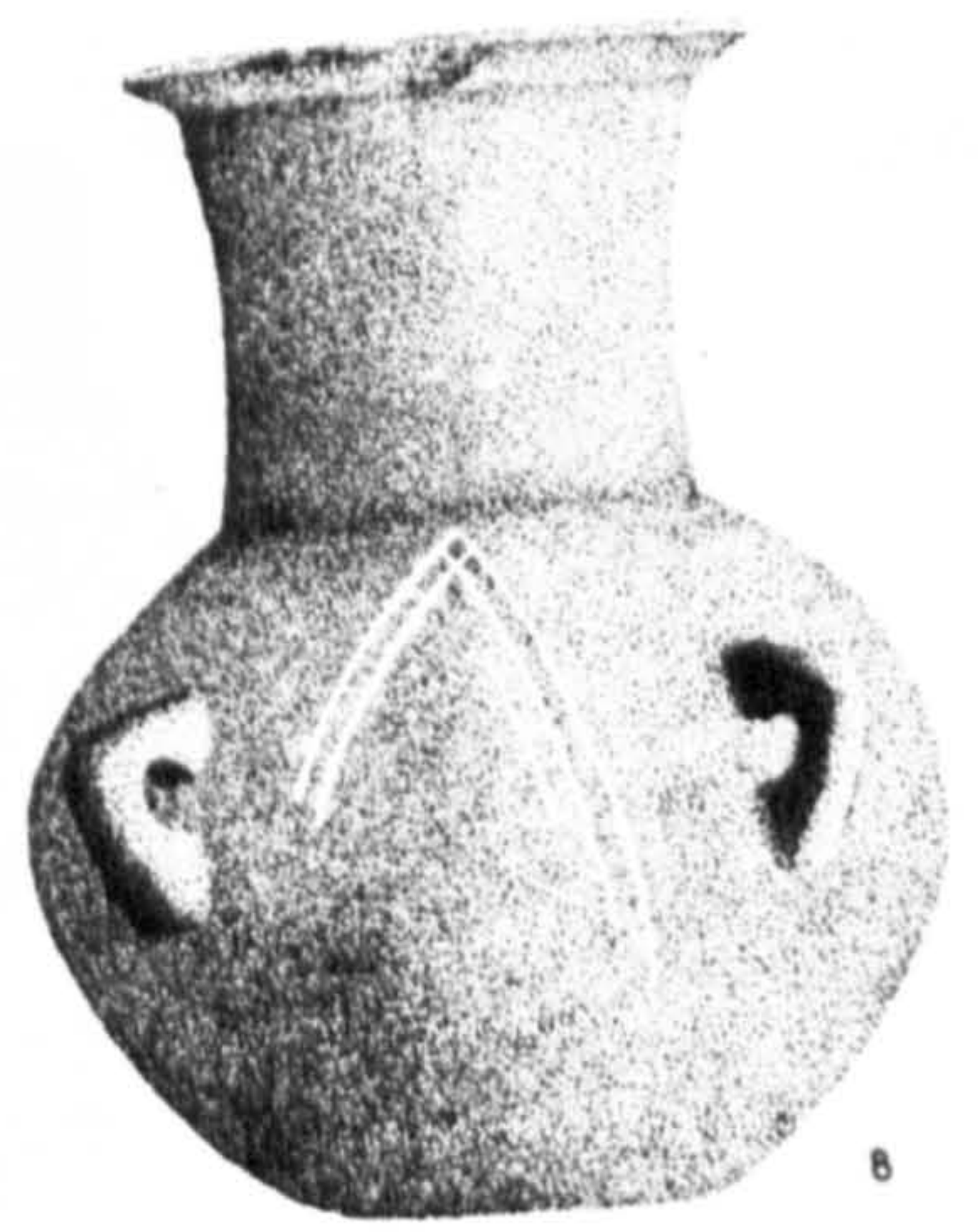
7



9



Ber.41



8



FIG. 29

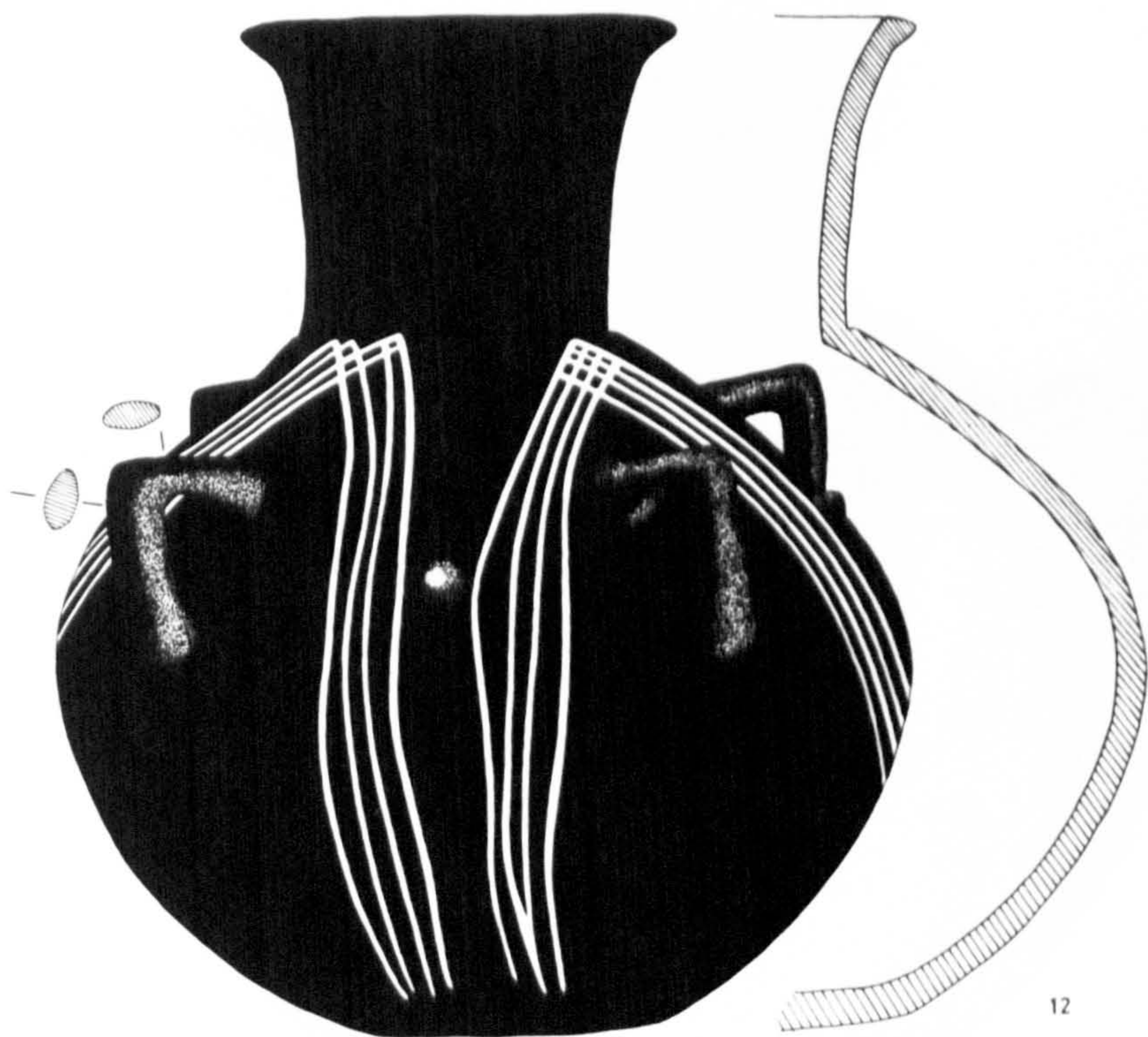
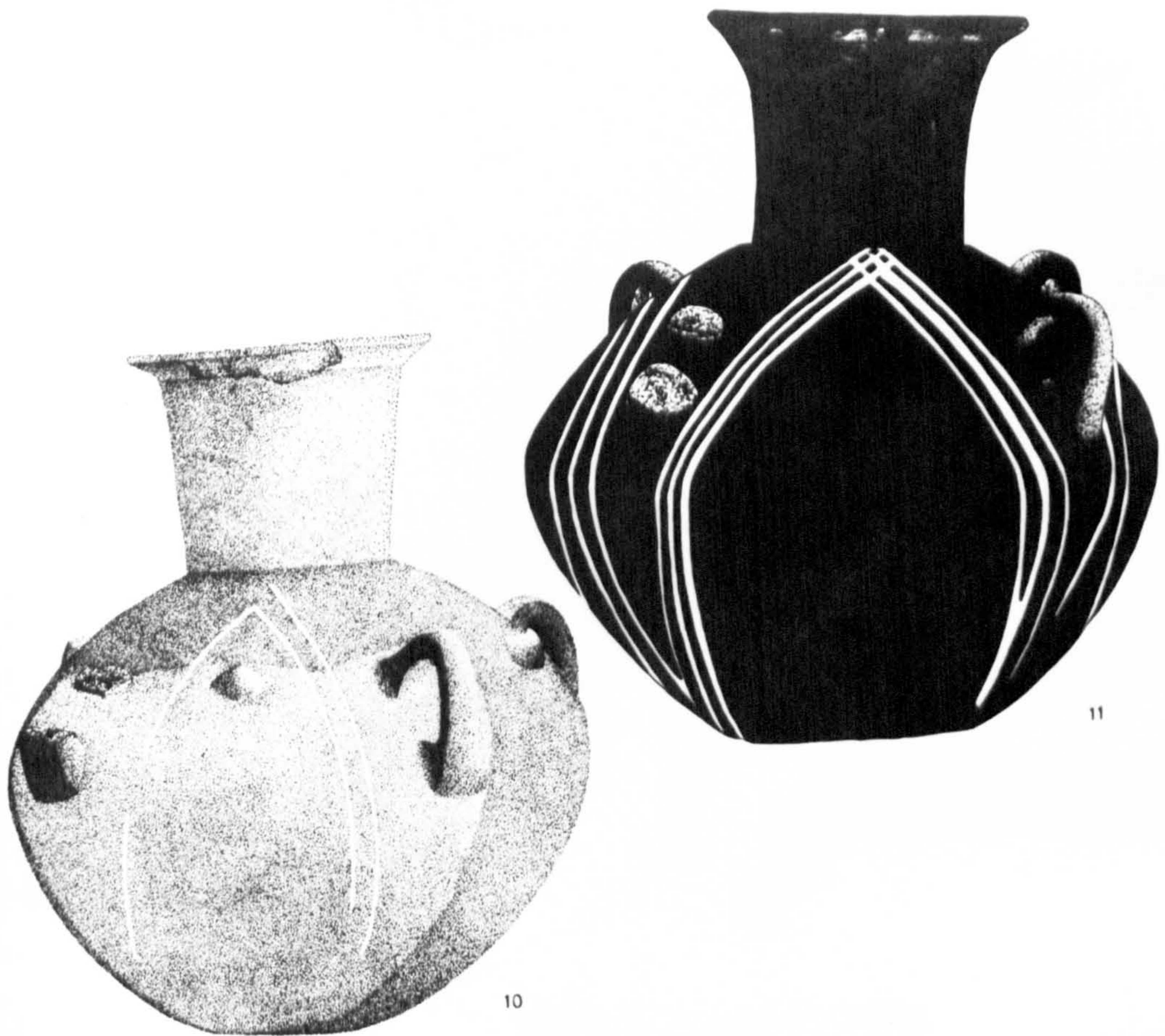
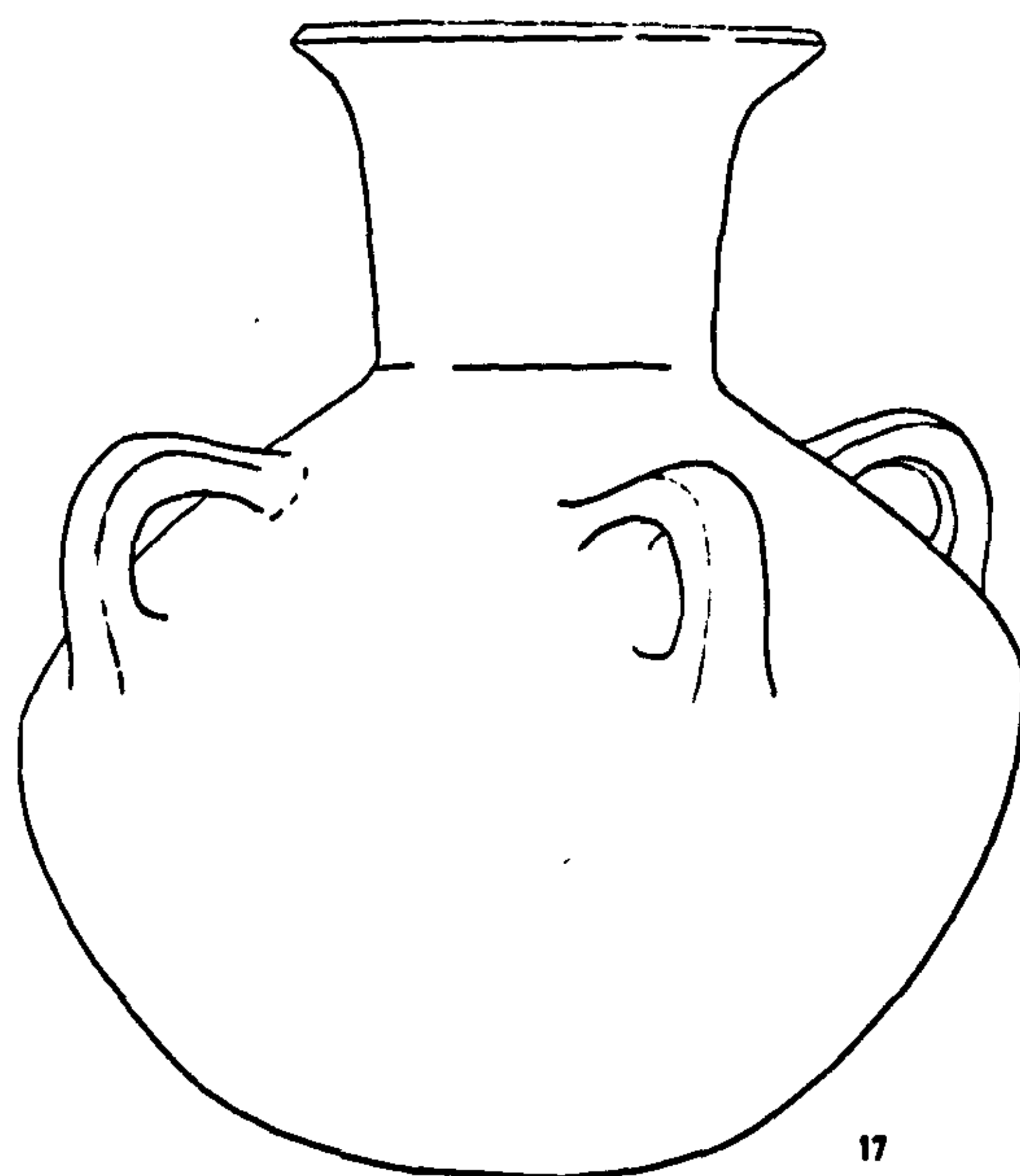
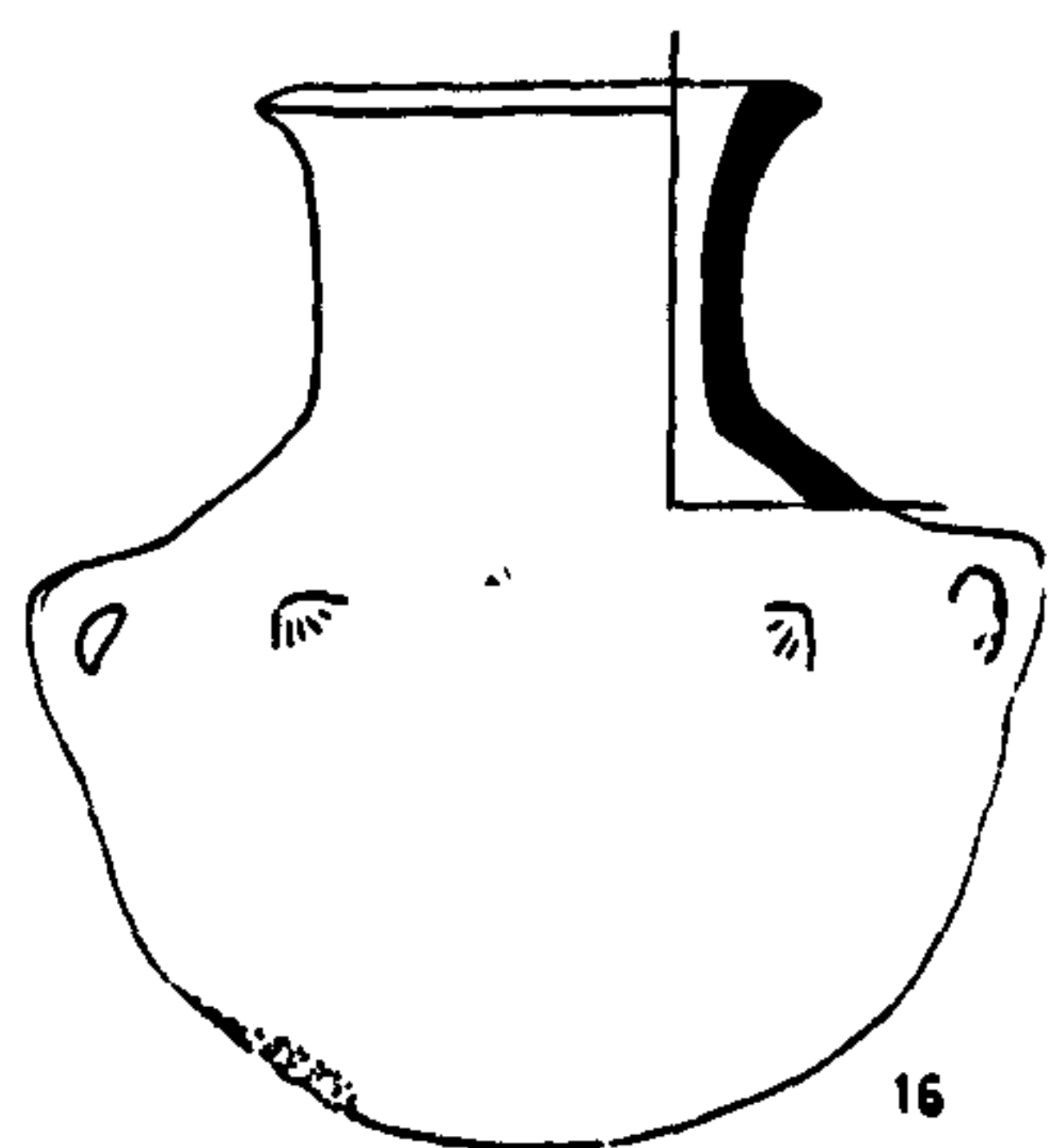


FIG. 30



FIG. 31

RED WARE



SHAPE IV

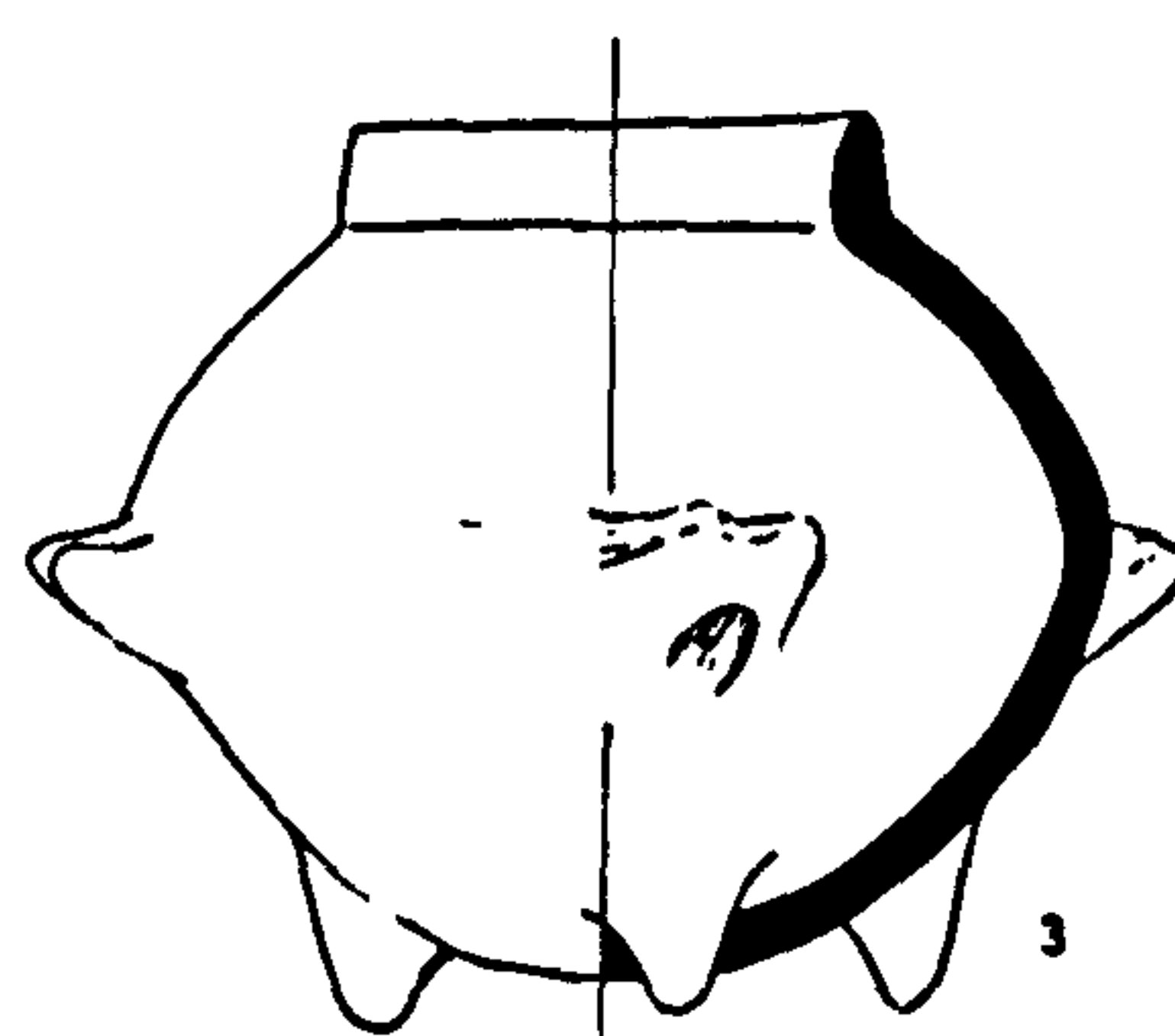
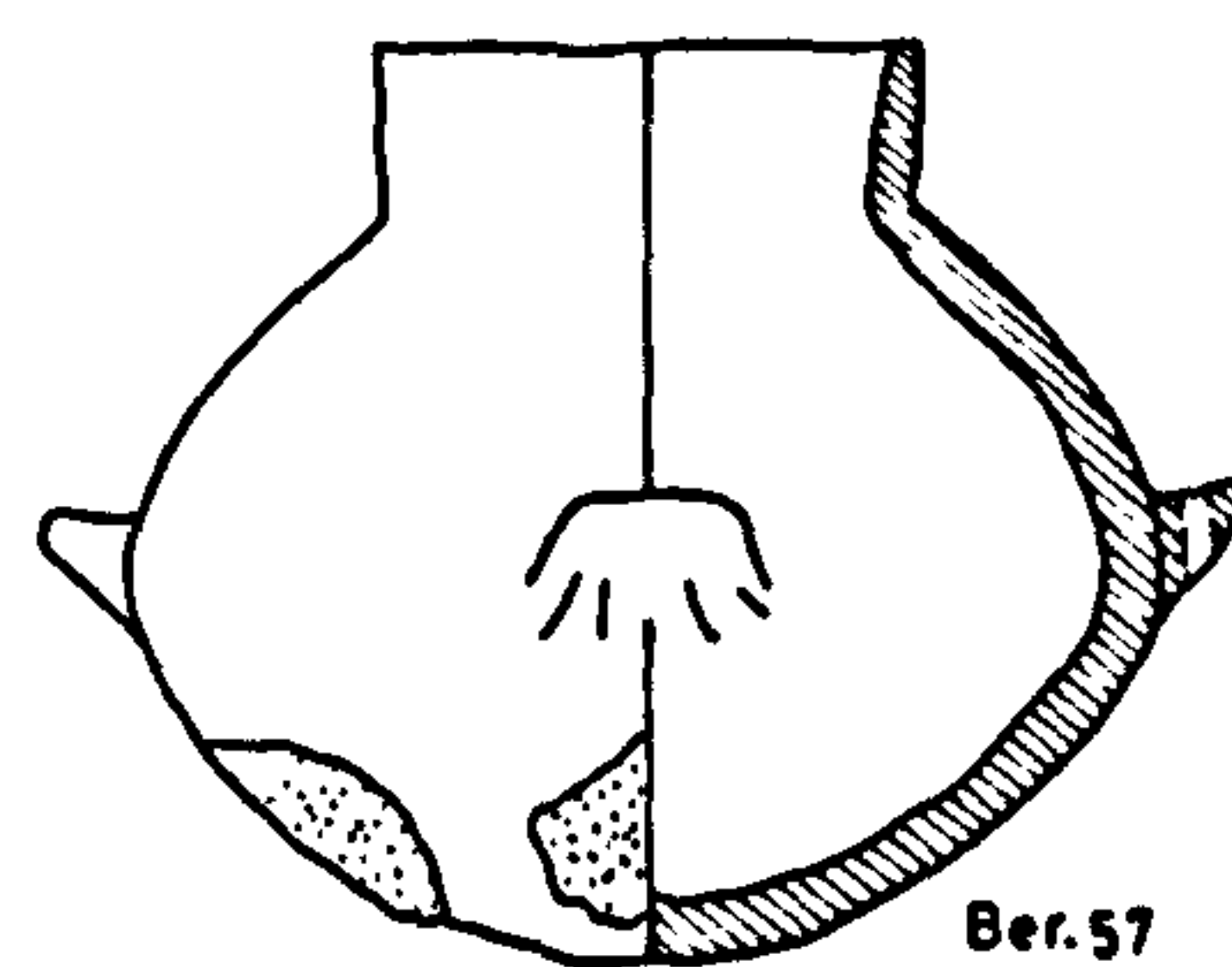
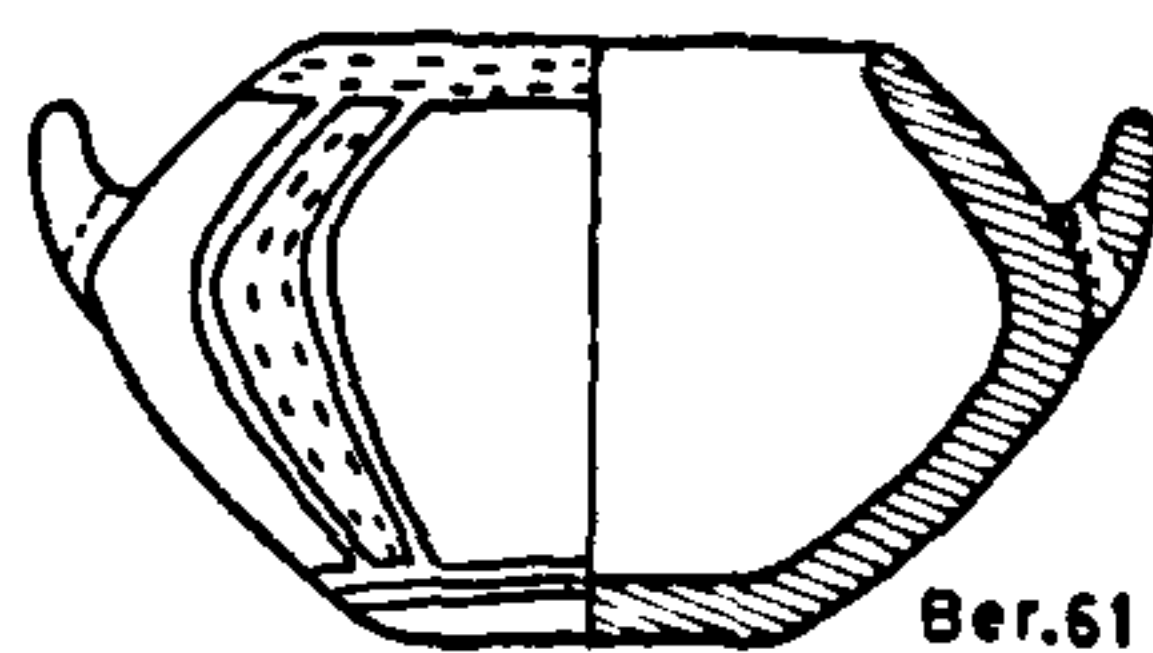
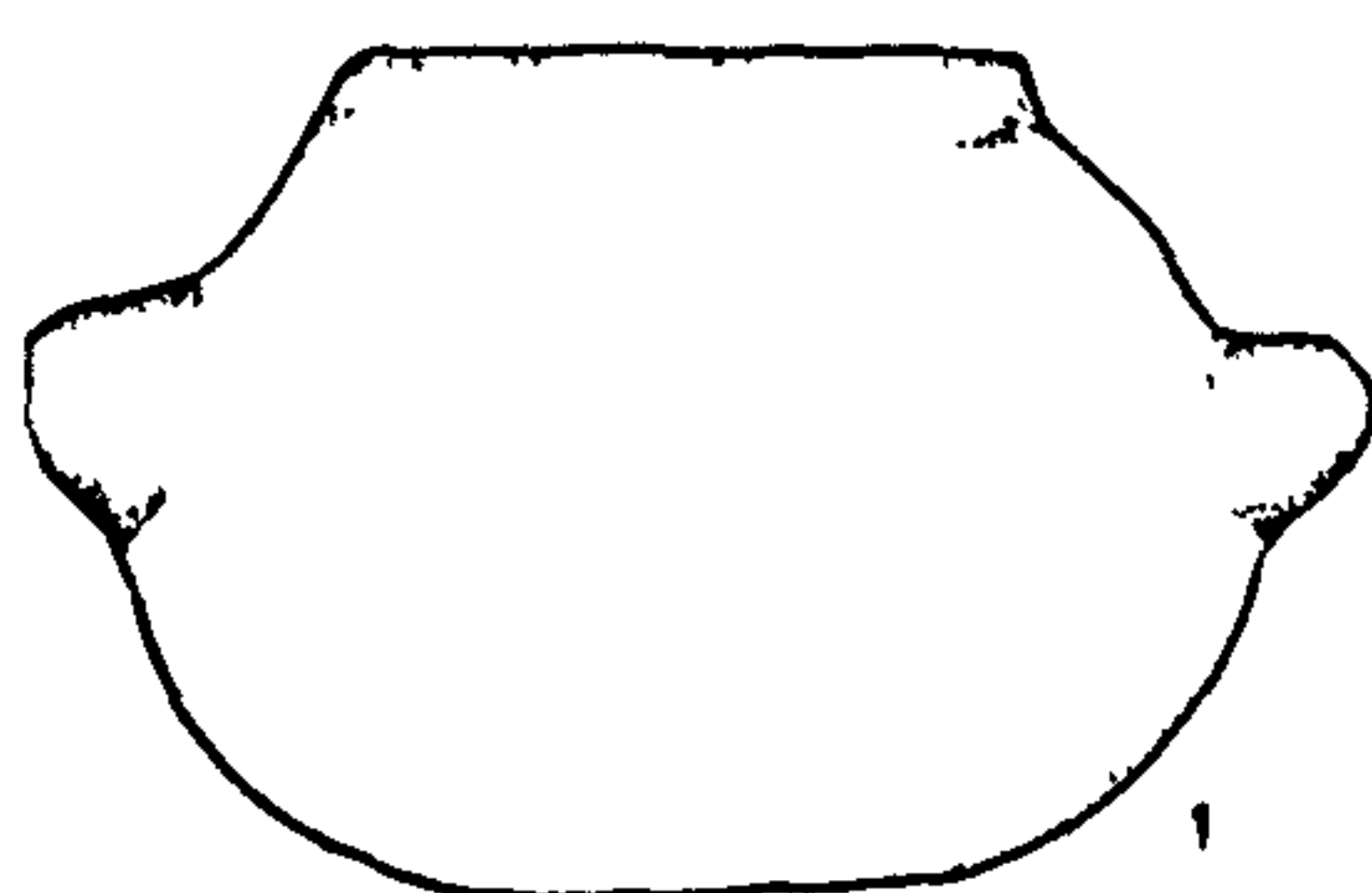
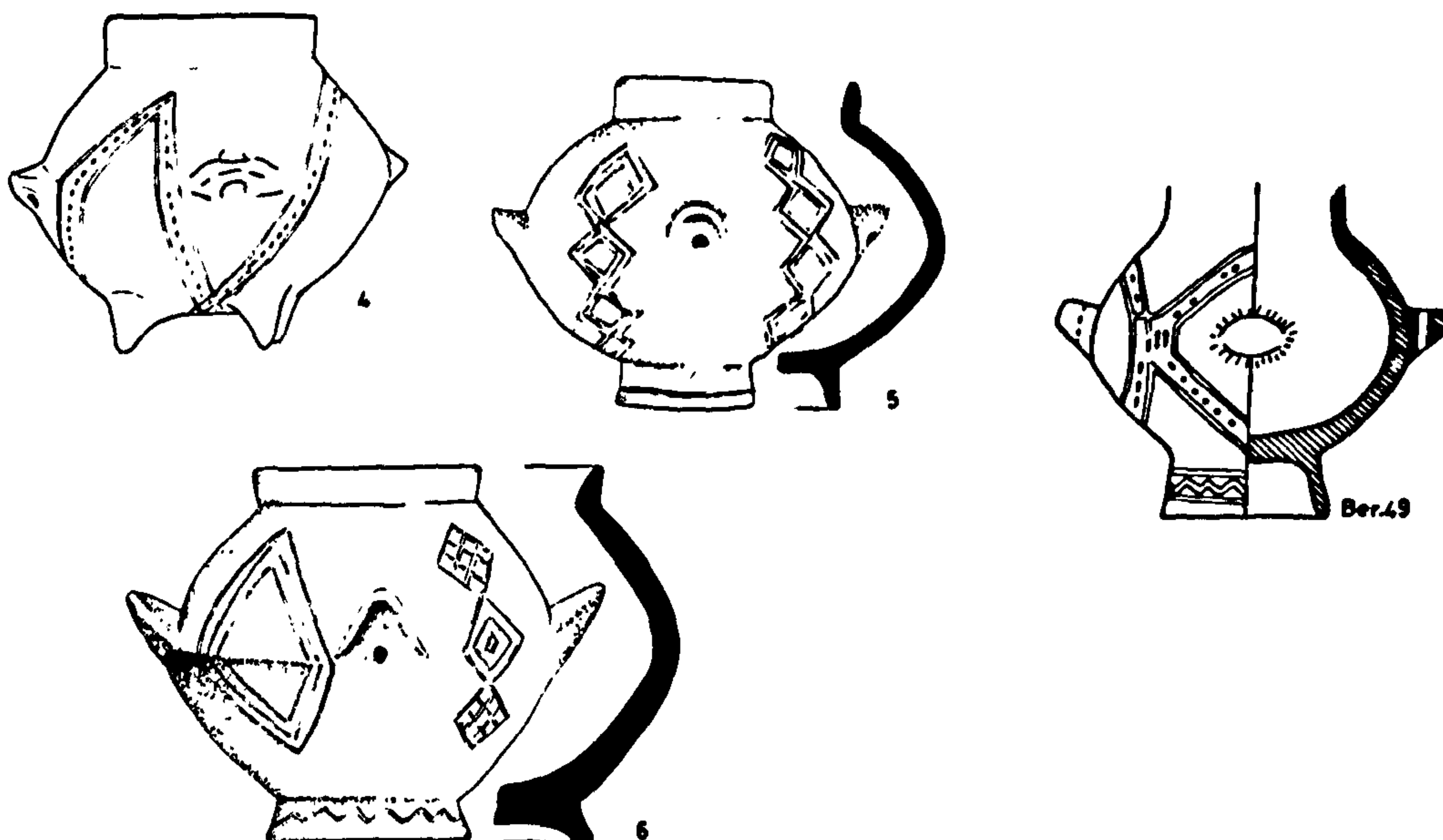


FIG. 32



SHAPE V

TYPE (A)

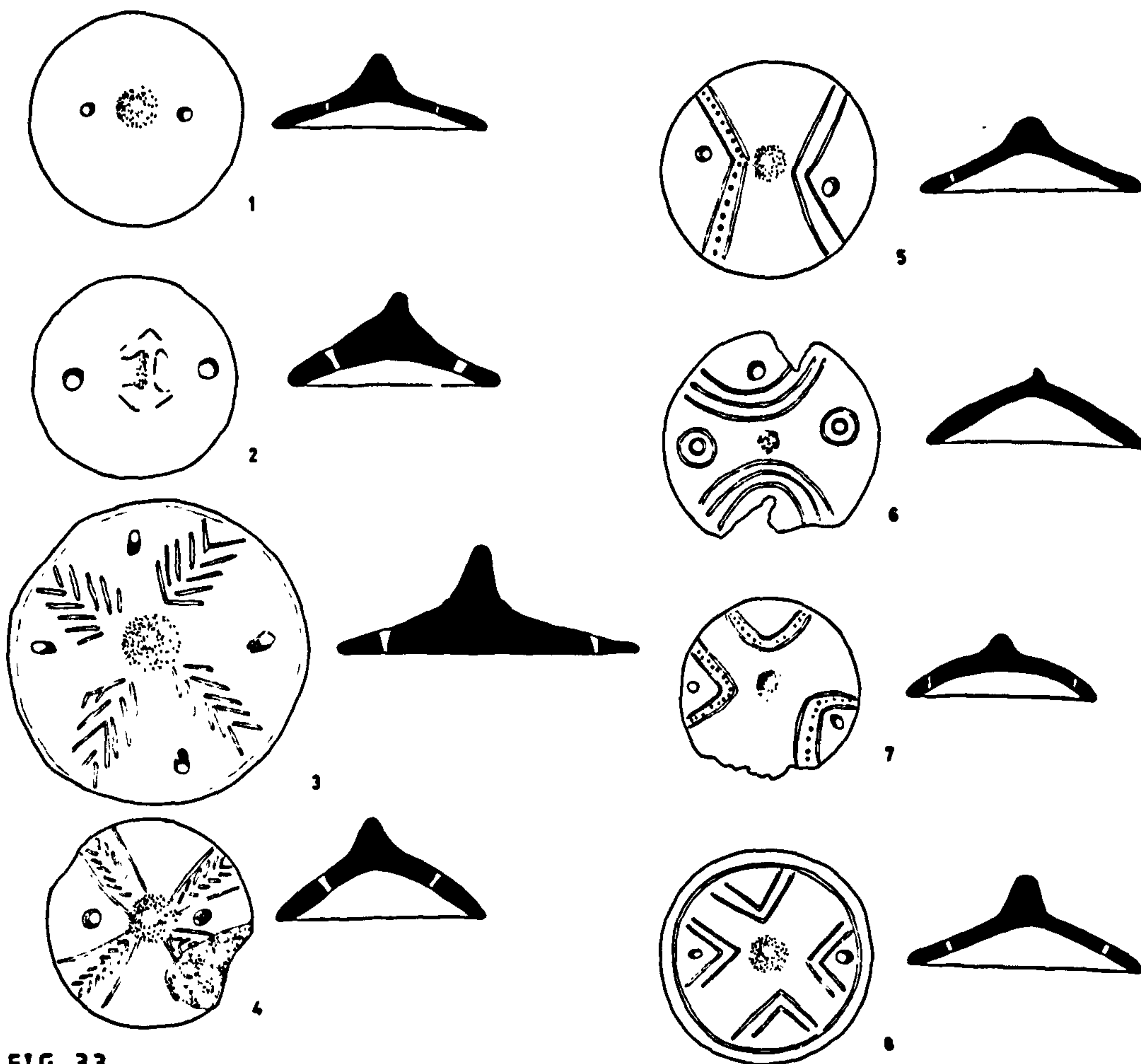
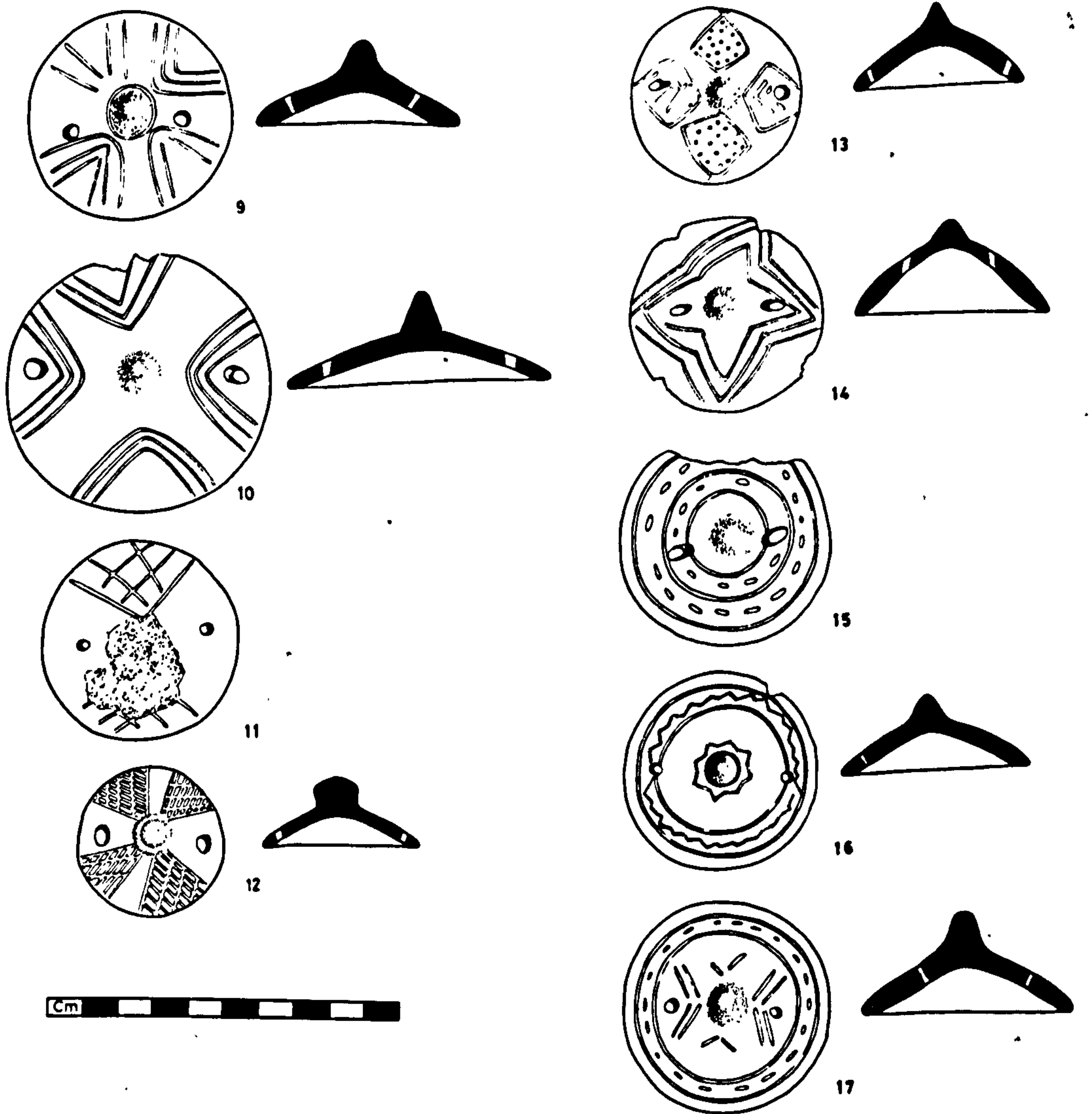
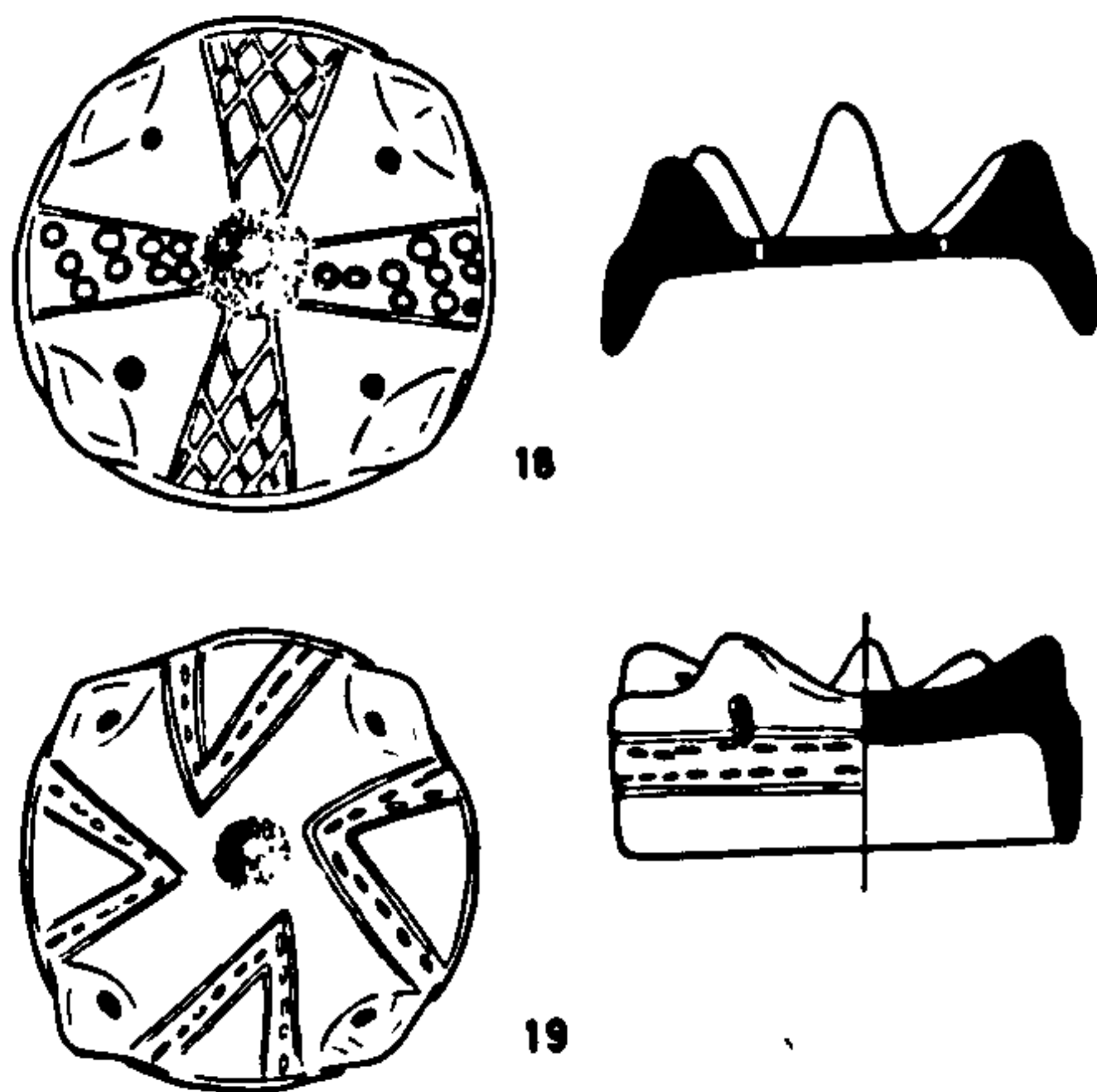


FIG. 33



TYPE (B)



TYPE (C)

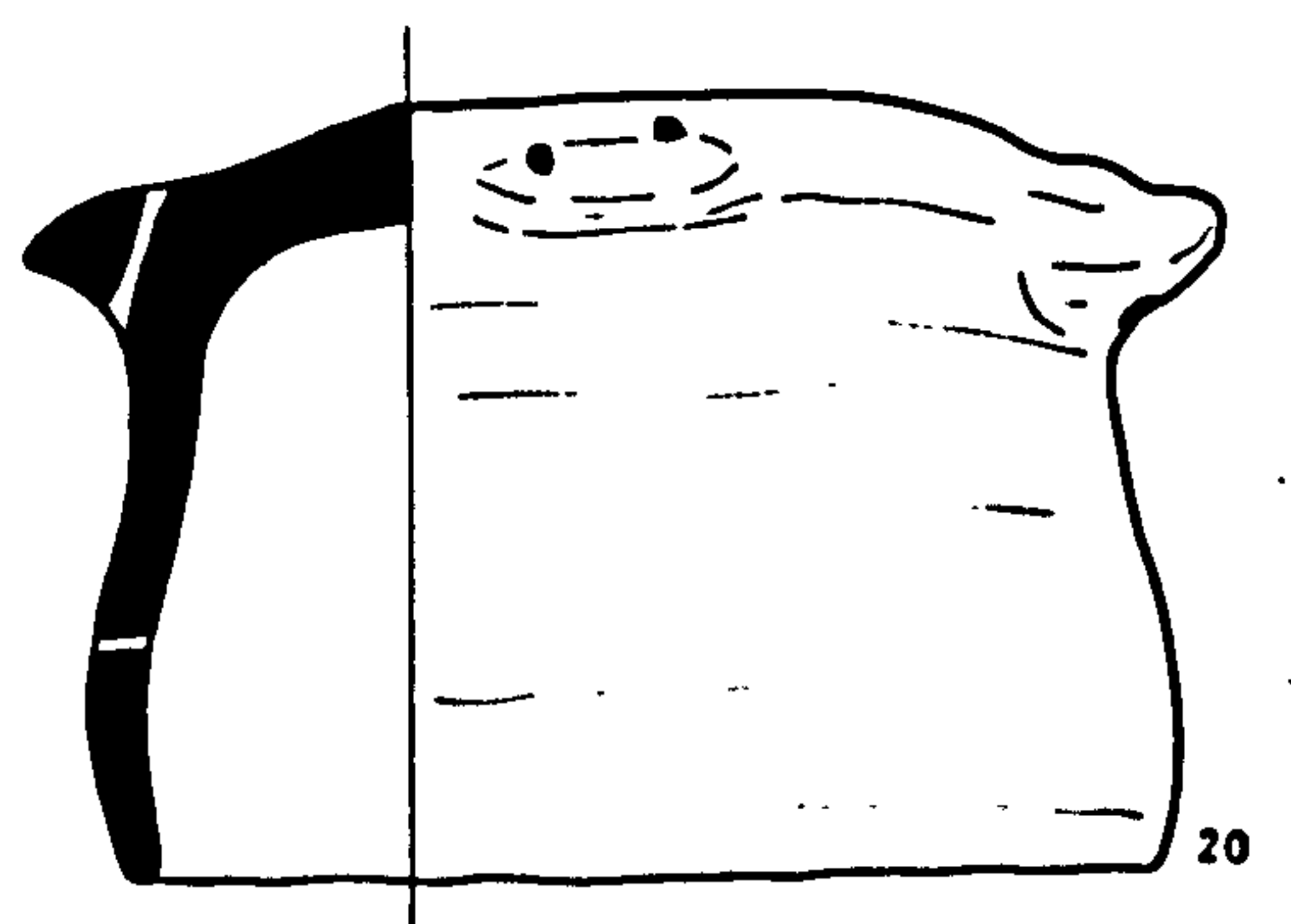
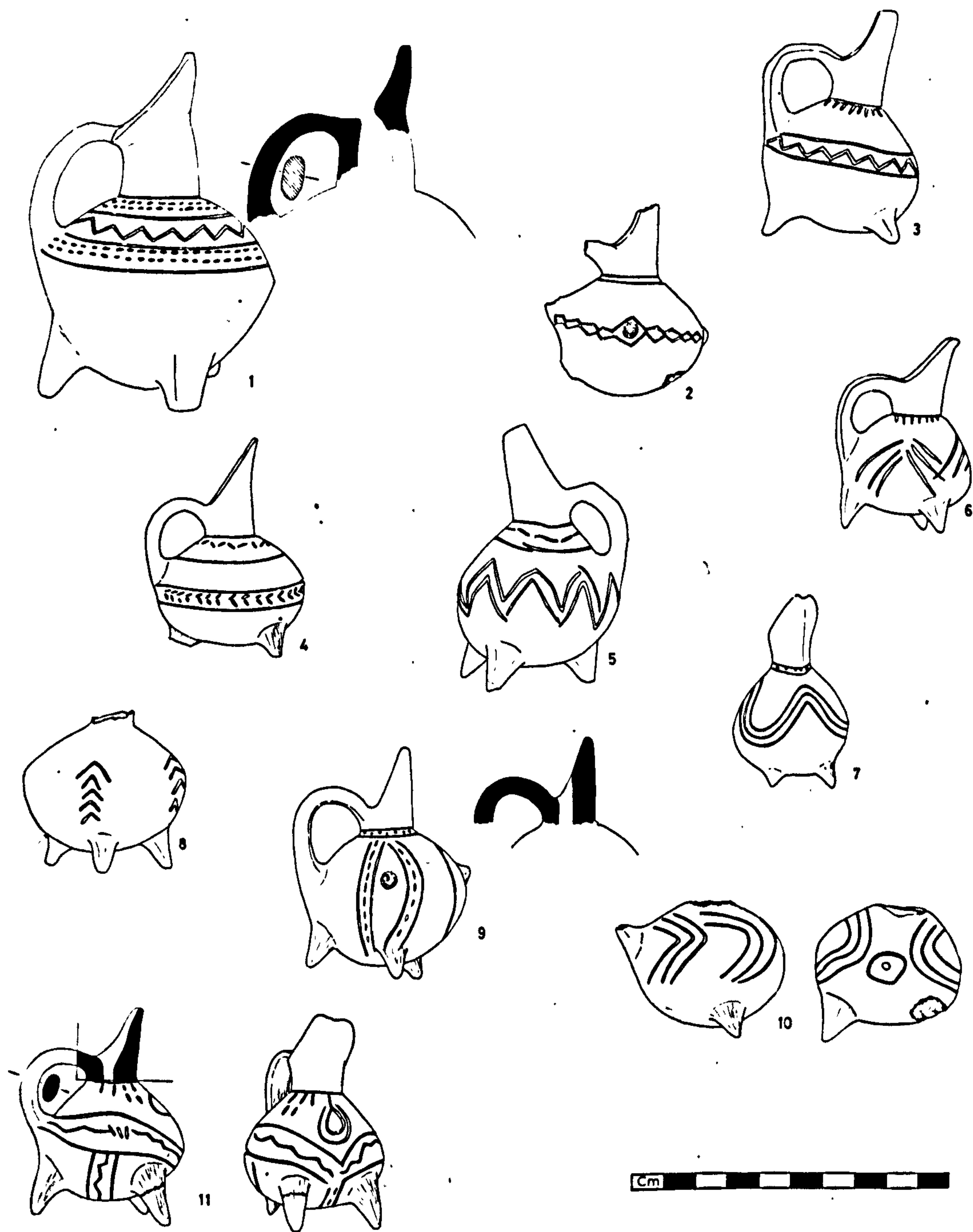


FIG. 34

SHAPE VI



RED WARE

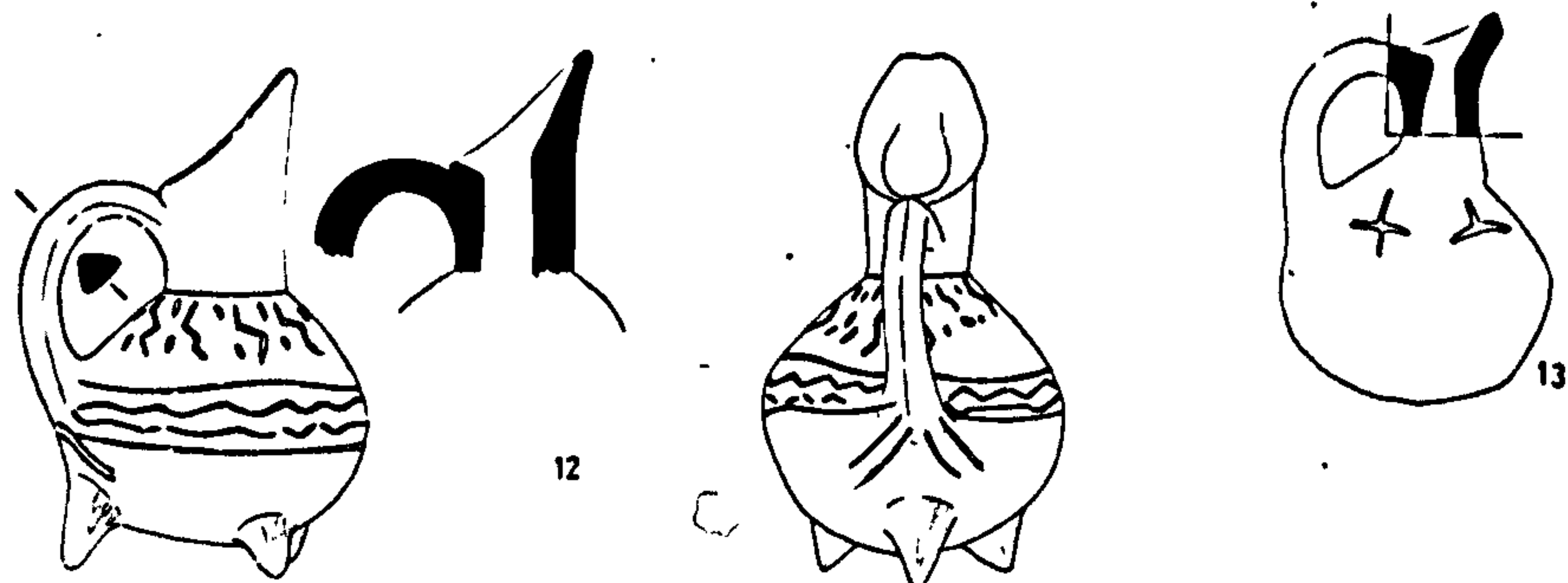


FIG. 35

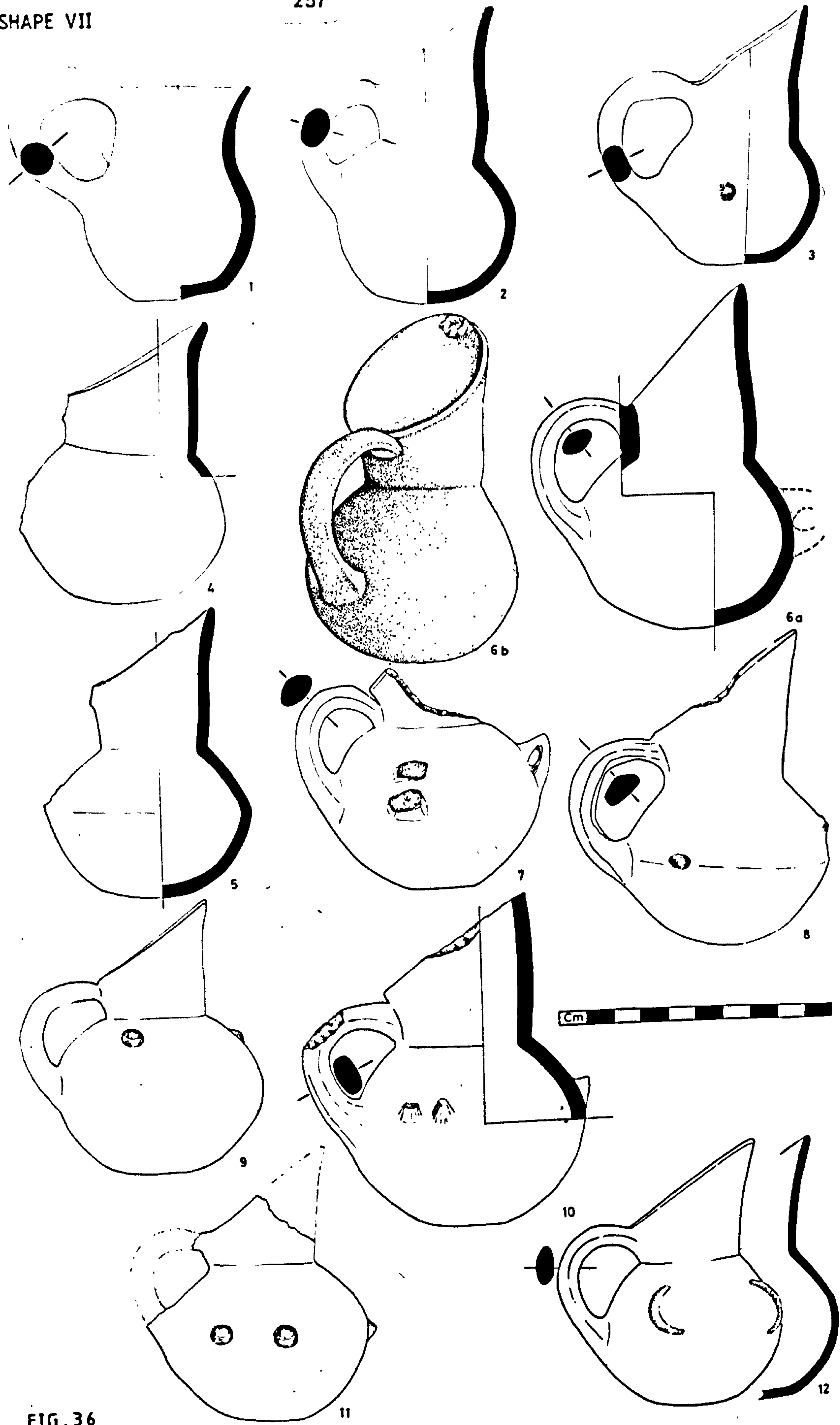
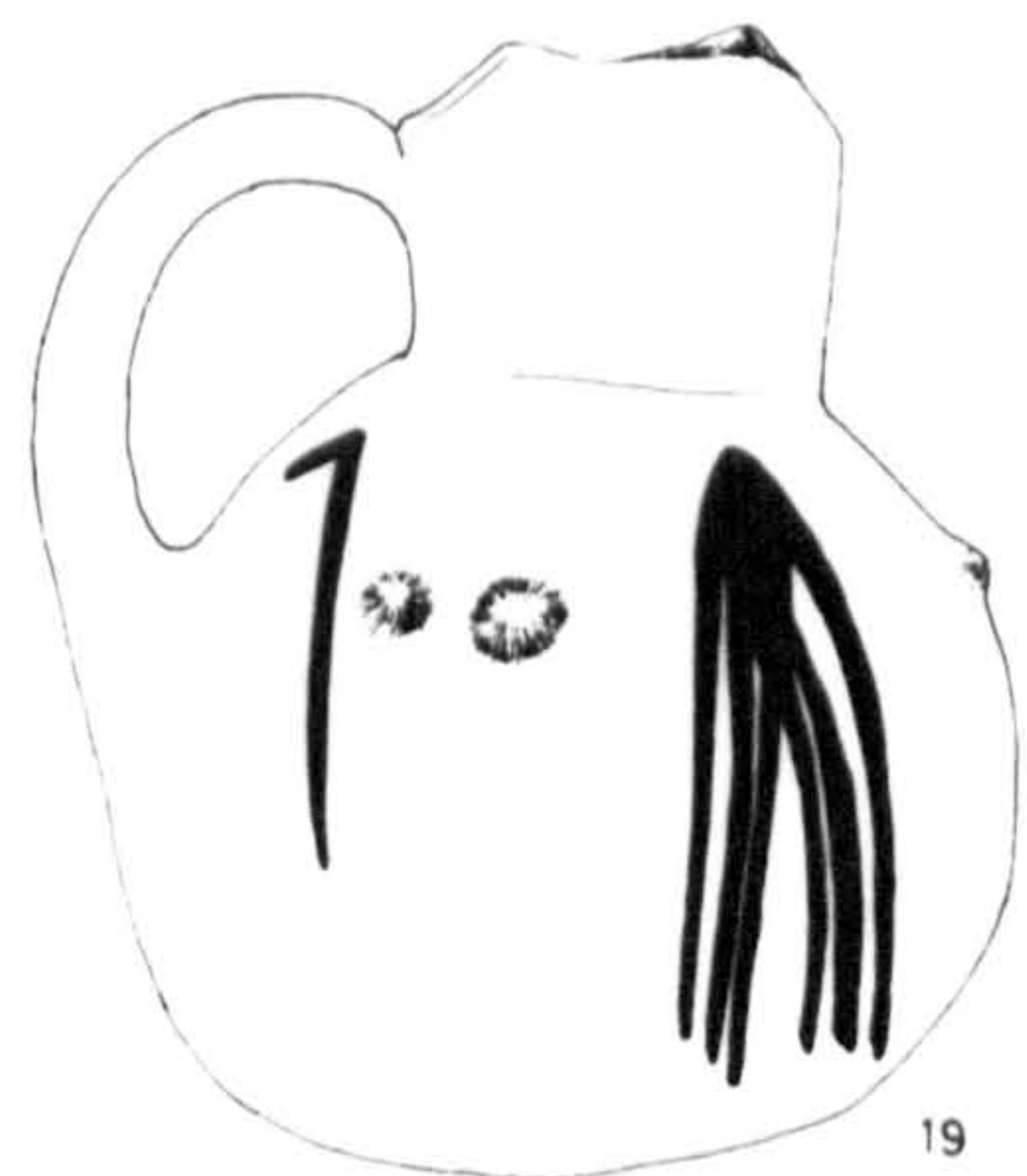
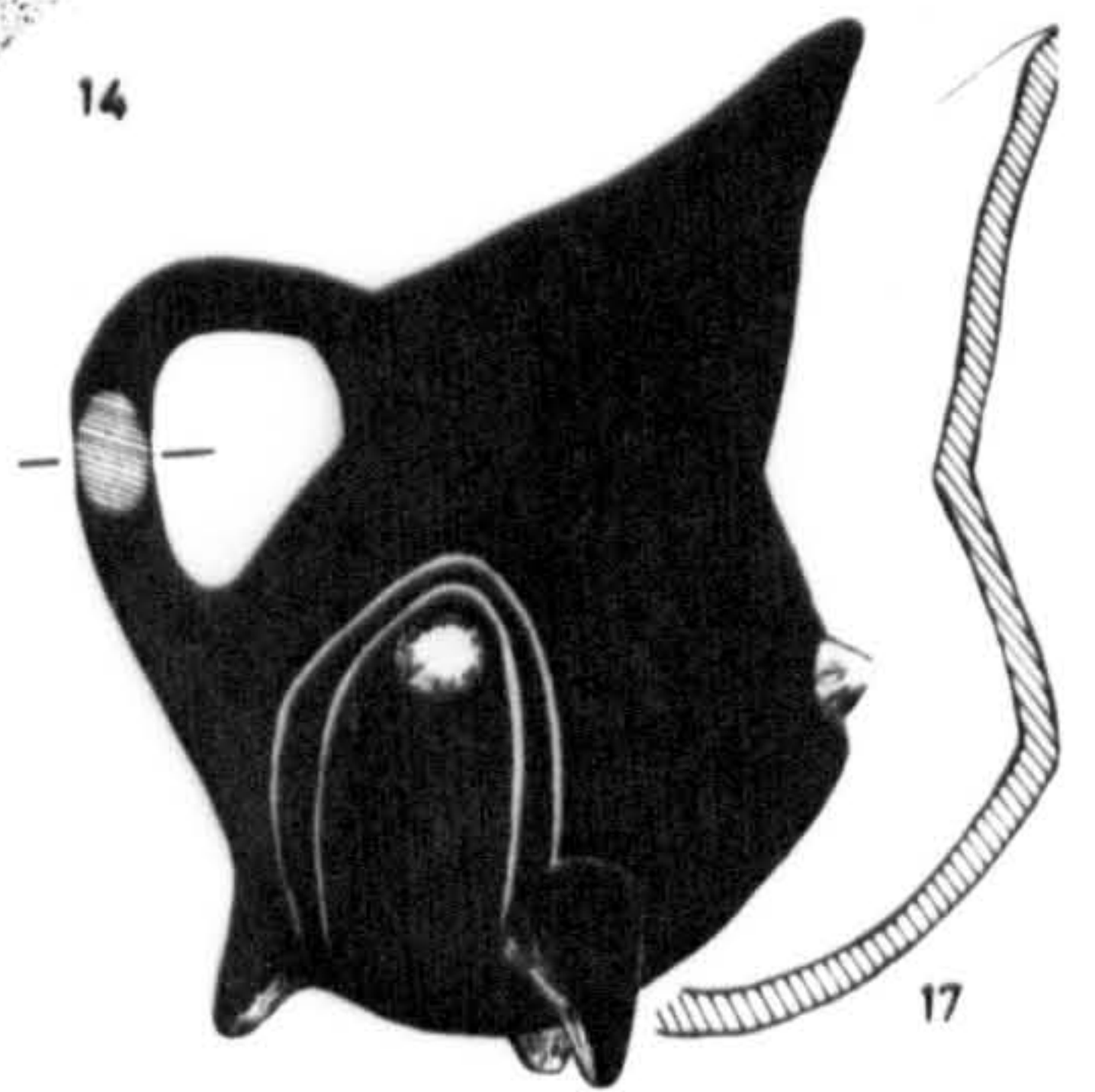
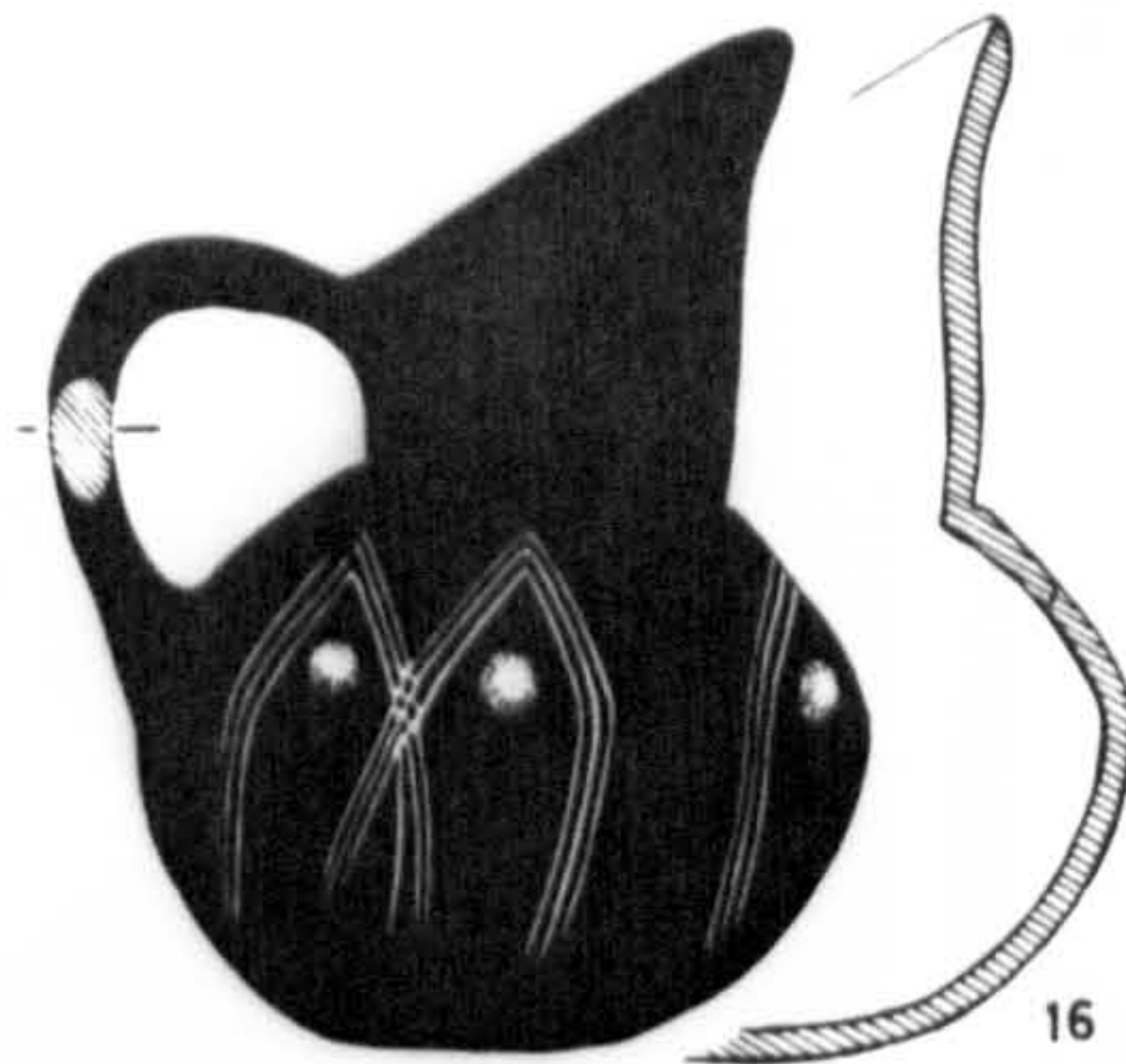
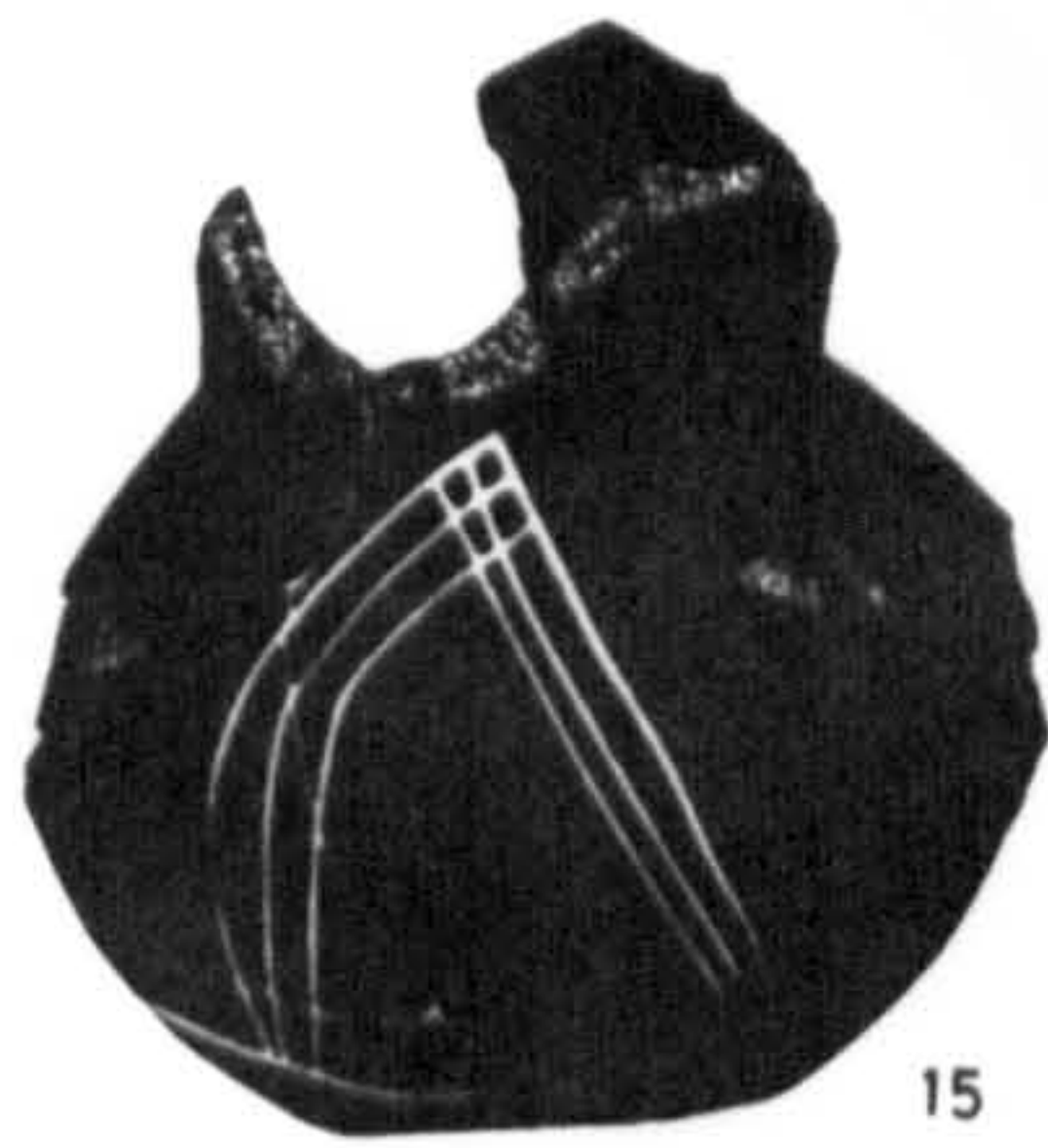
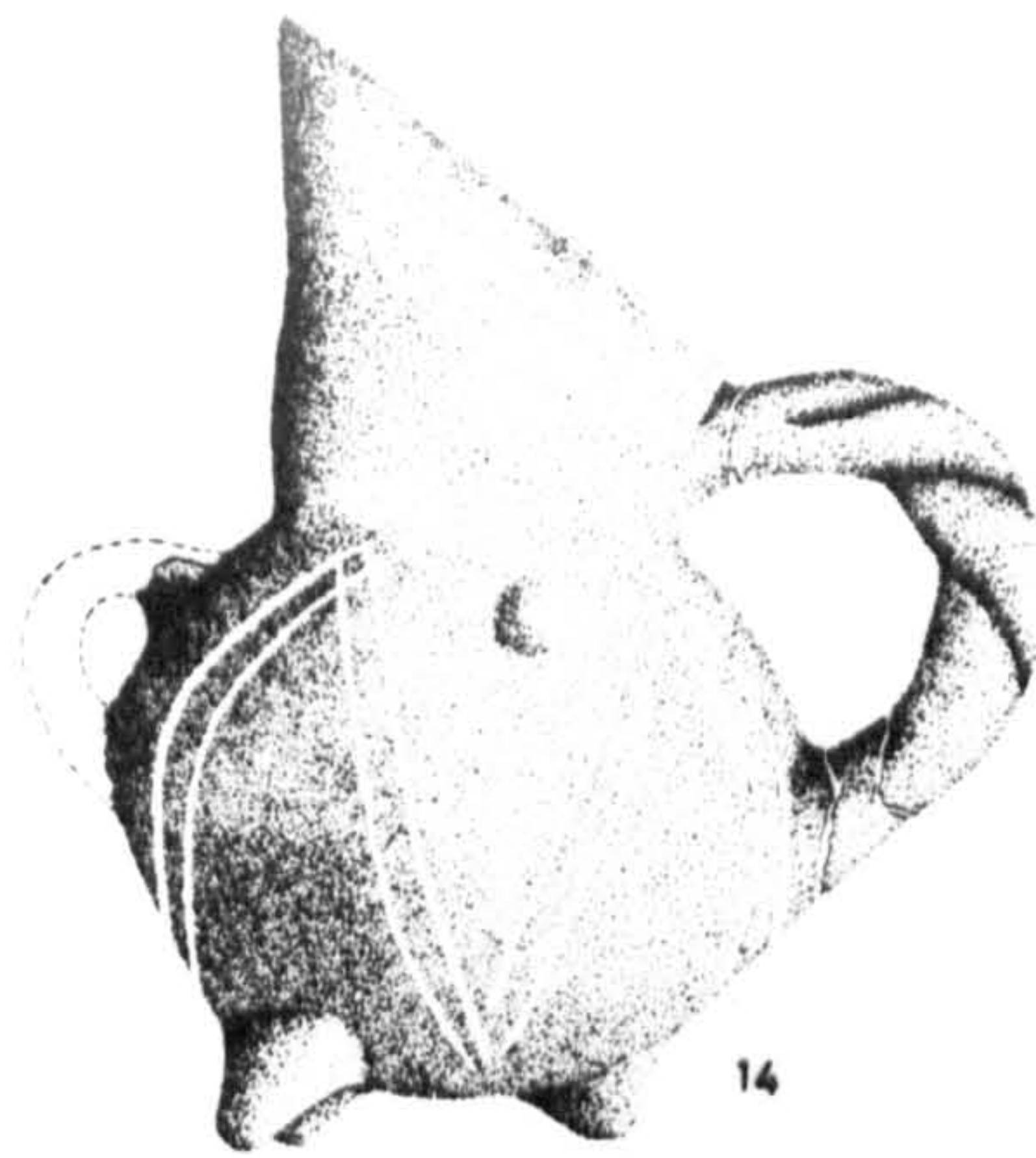


FIG. 36



RED WARE

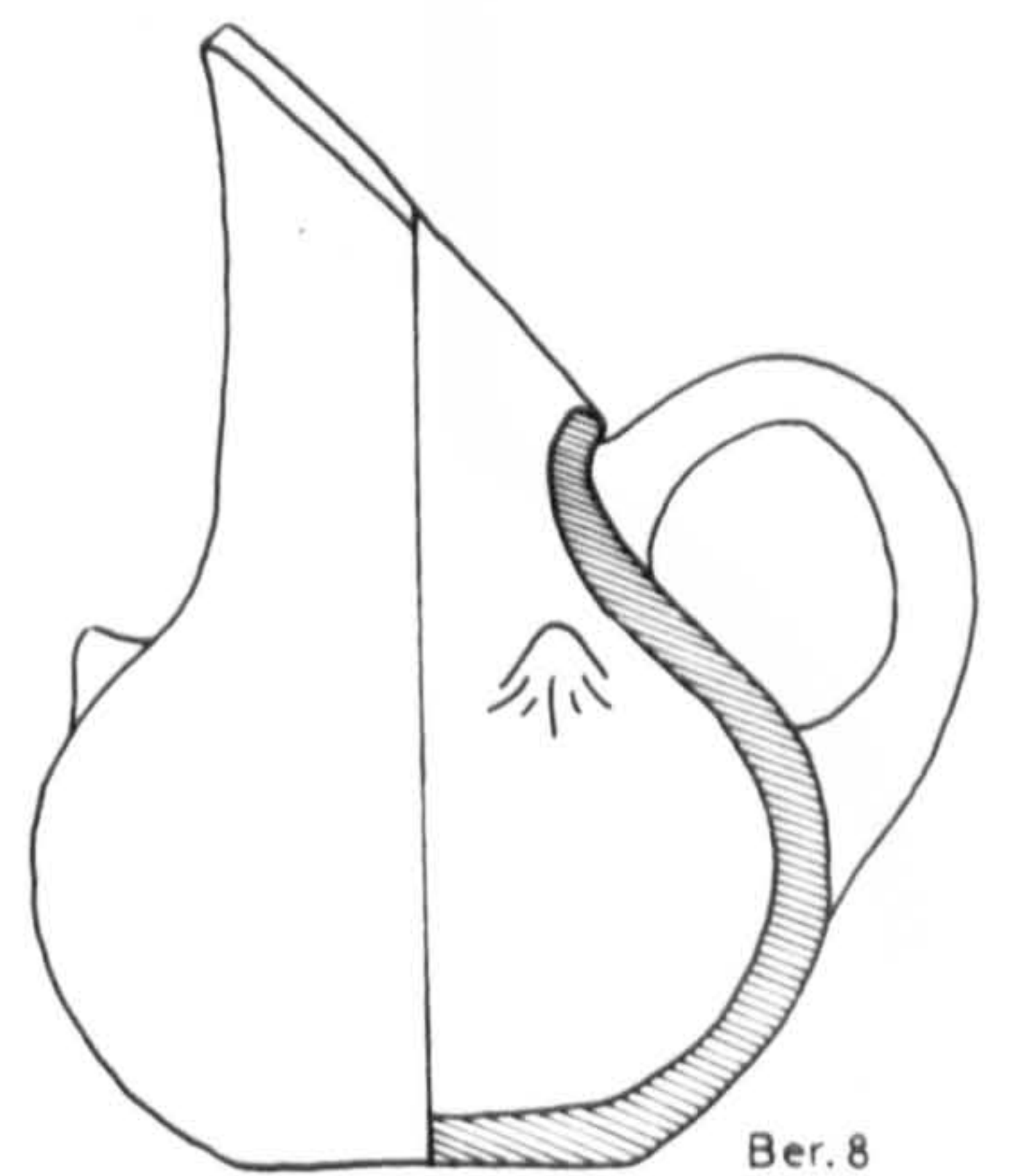
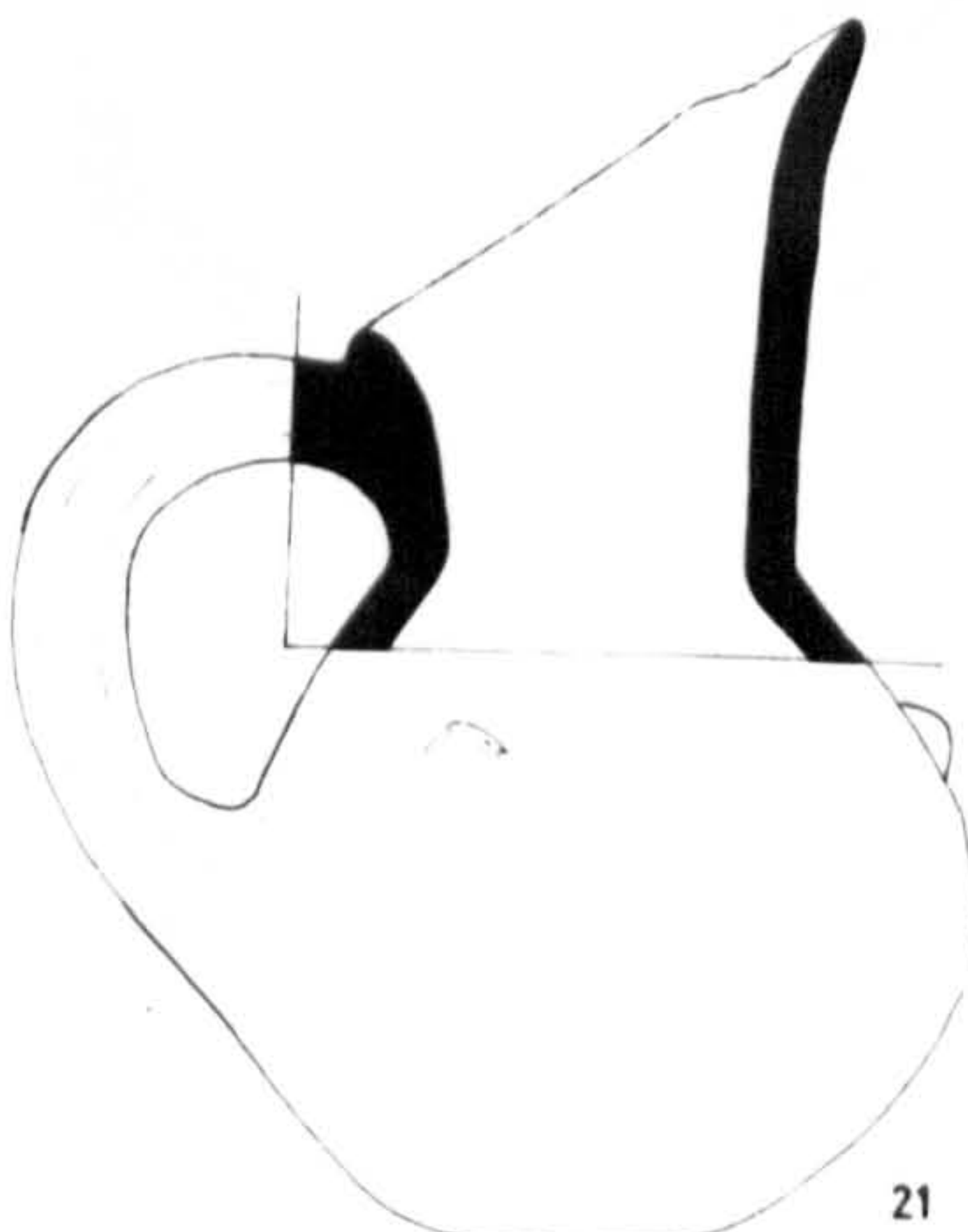
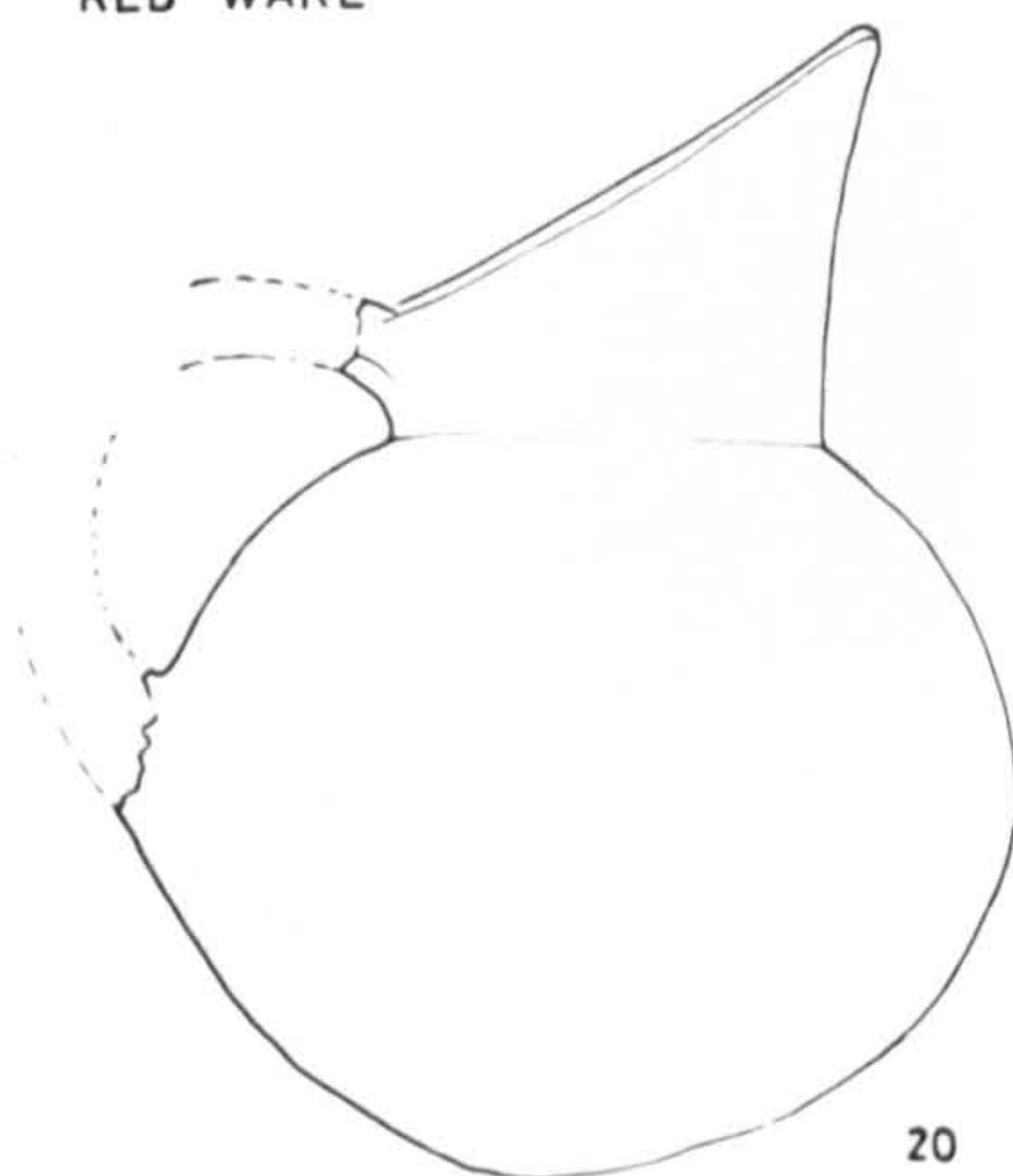


FIG. 37

SHAPE VIII

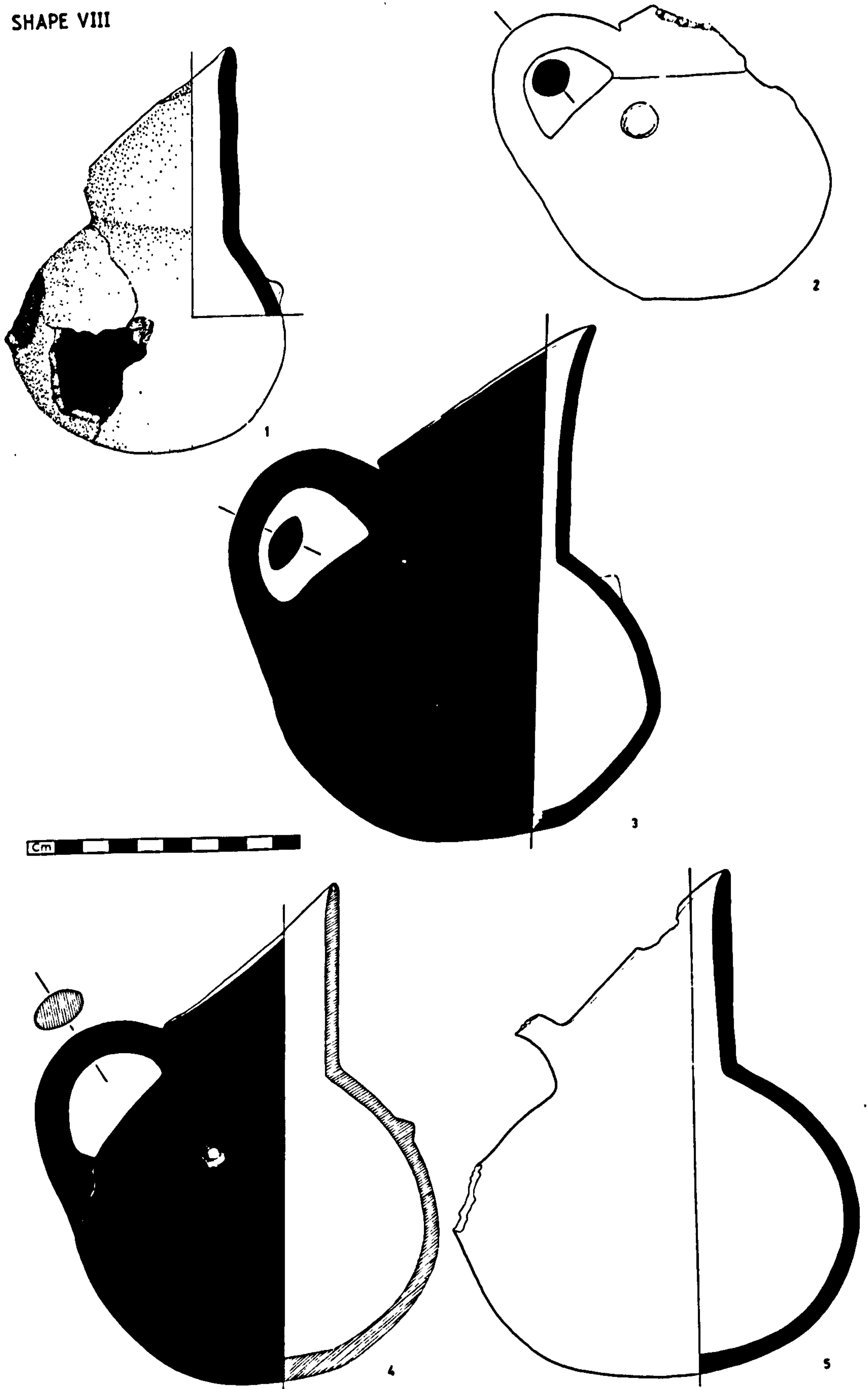
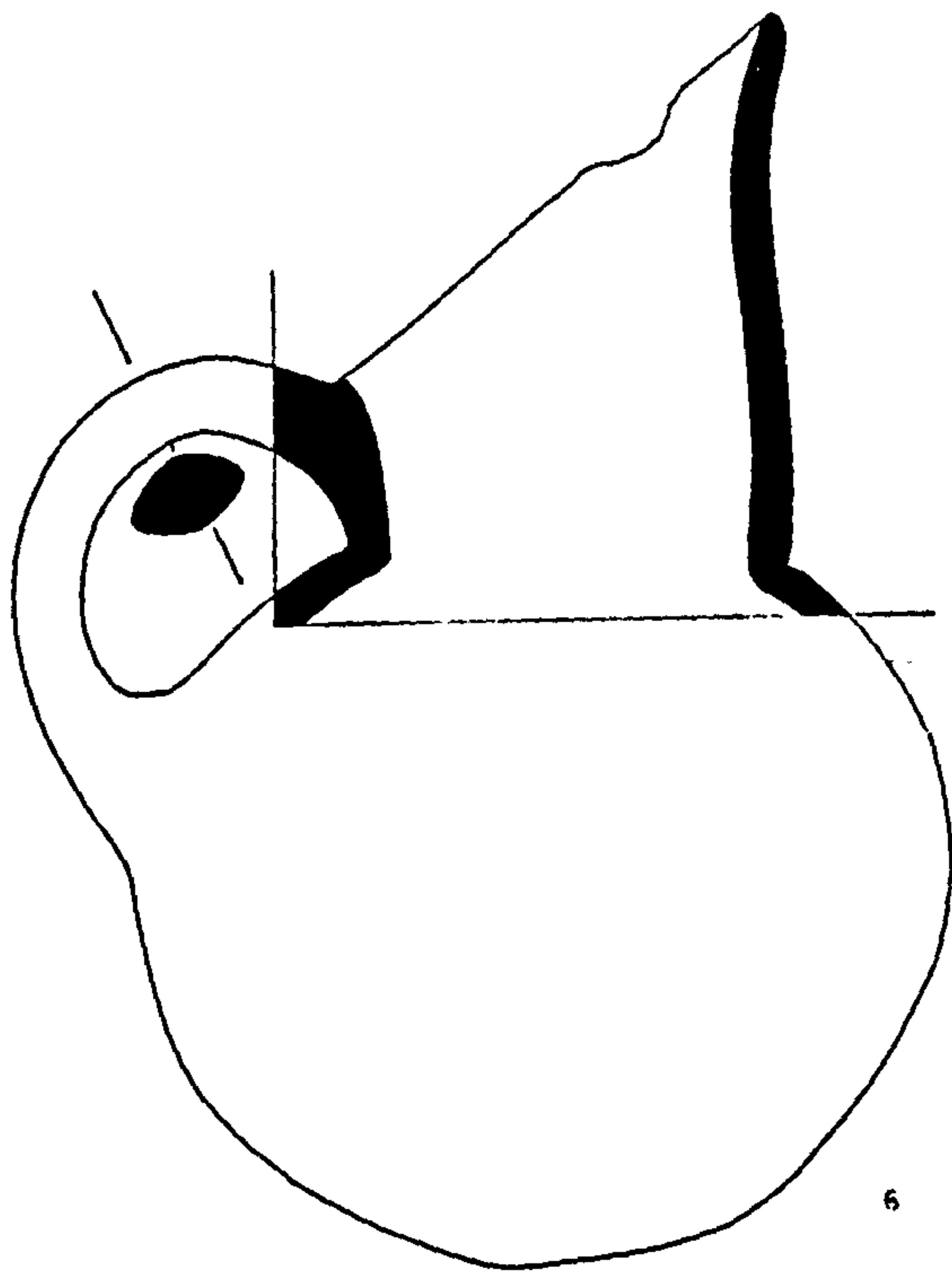
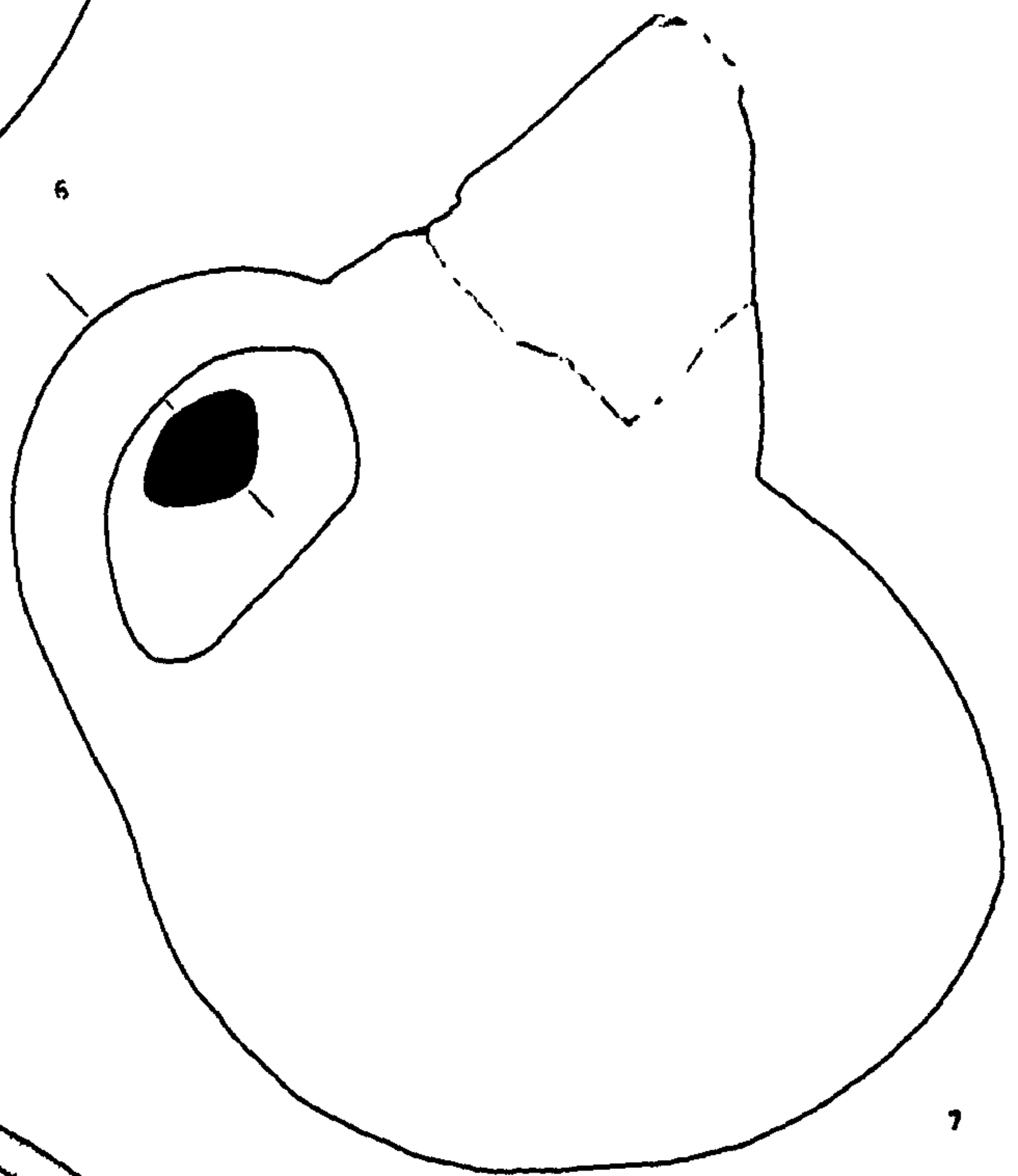


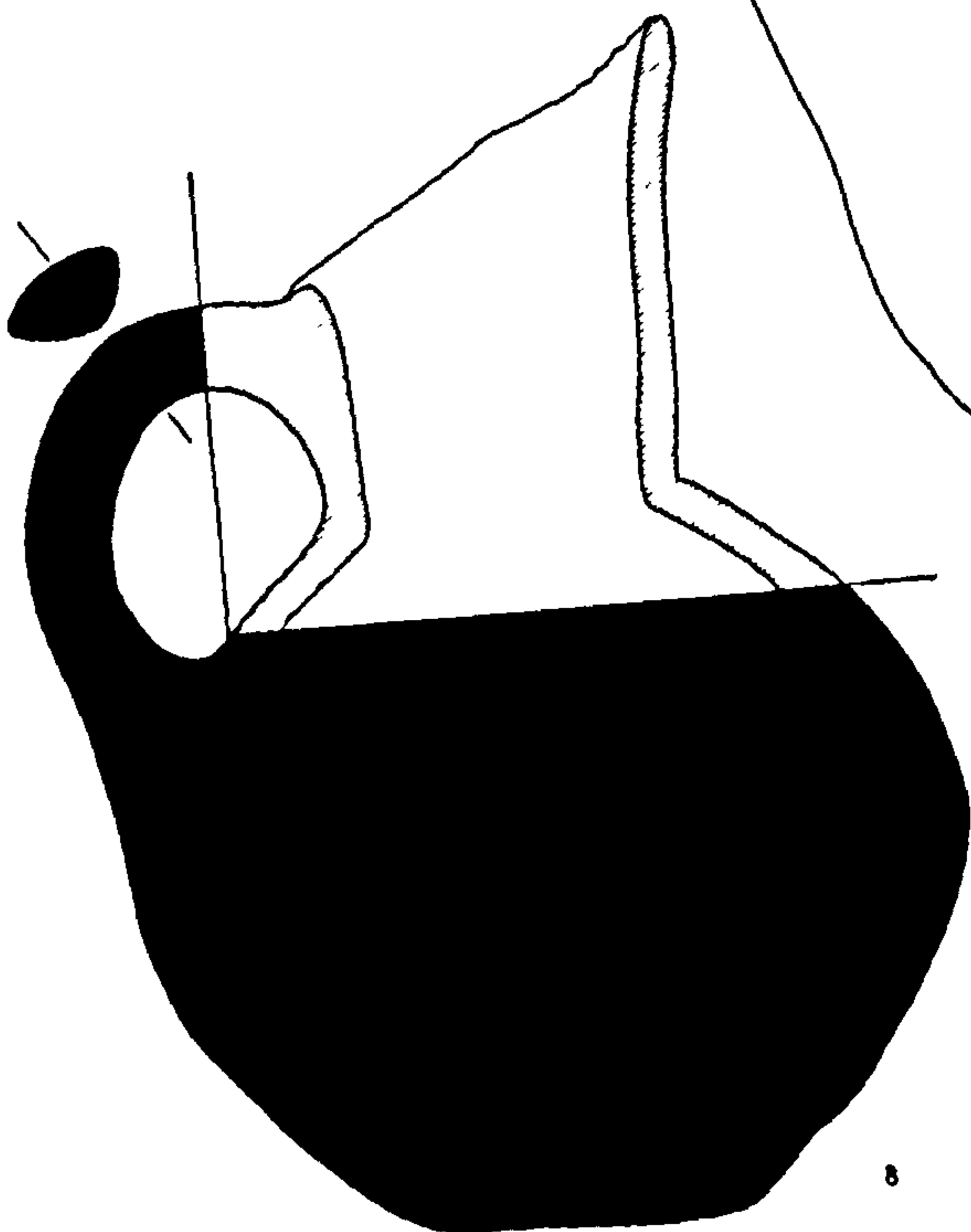
FIG. 38



6



7

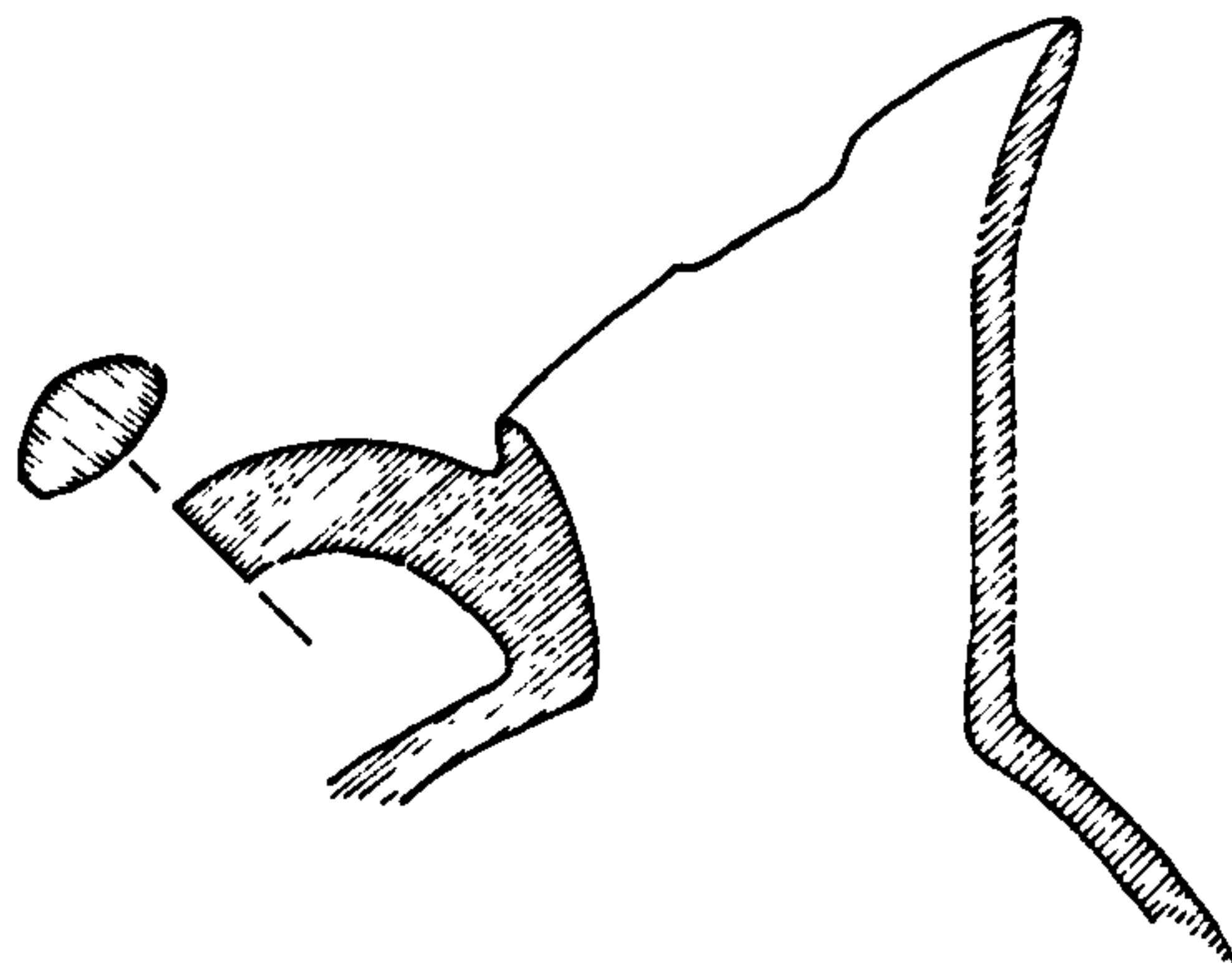
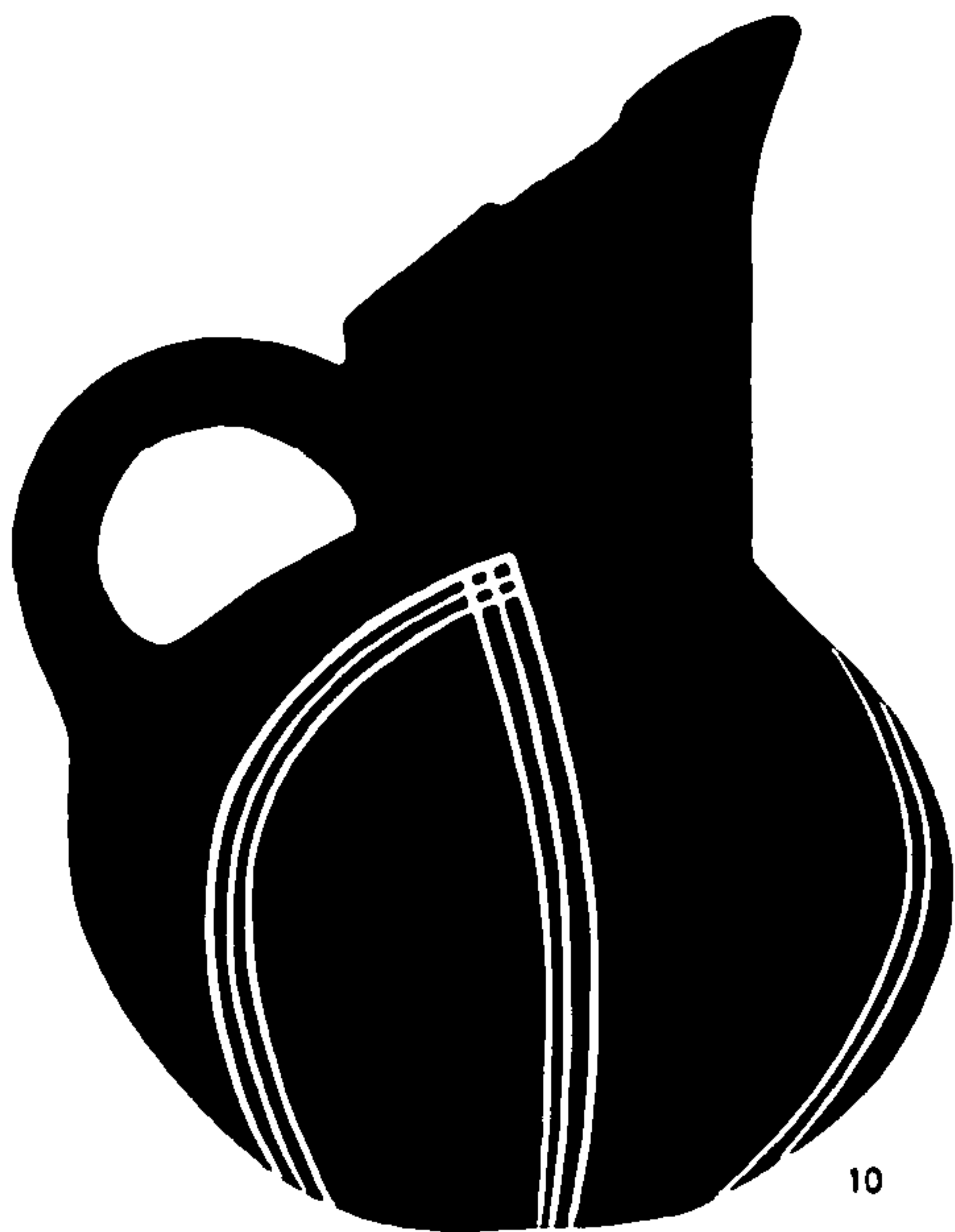


8



9

FIG. 39



10



11



12



13



FIG. 40

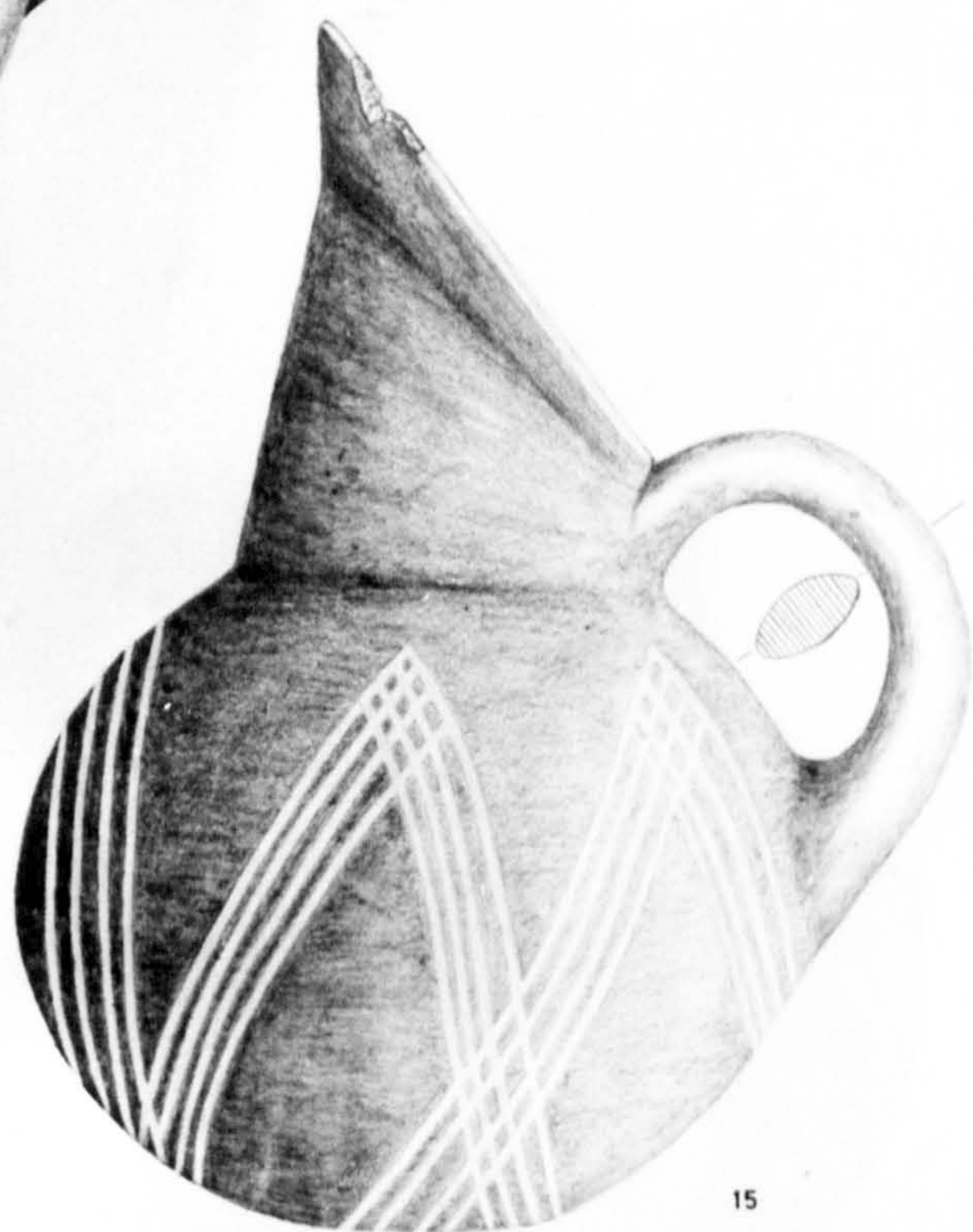
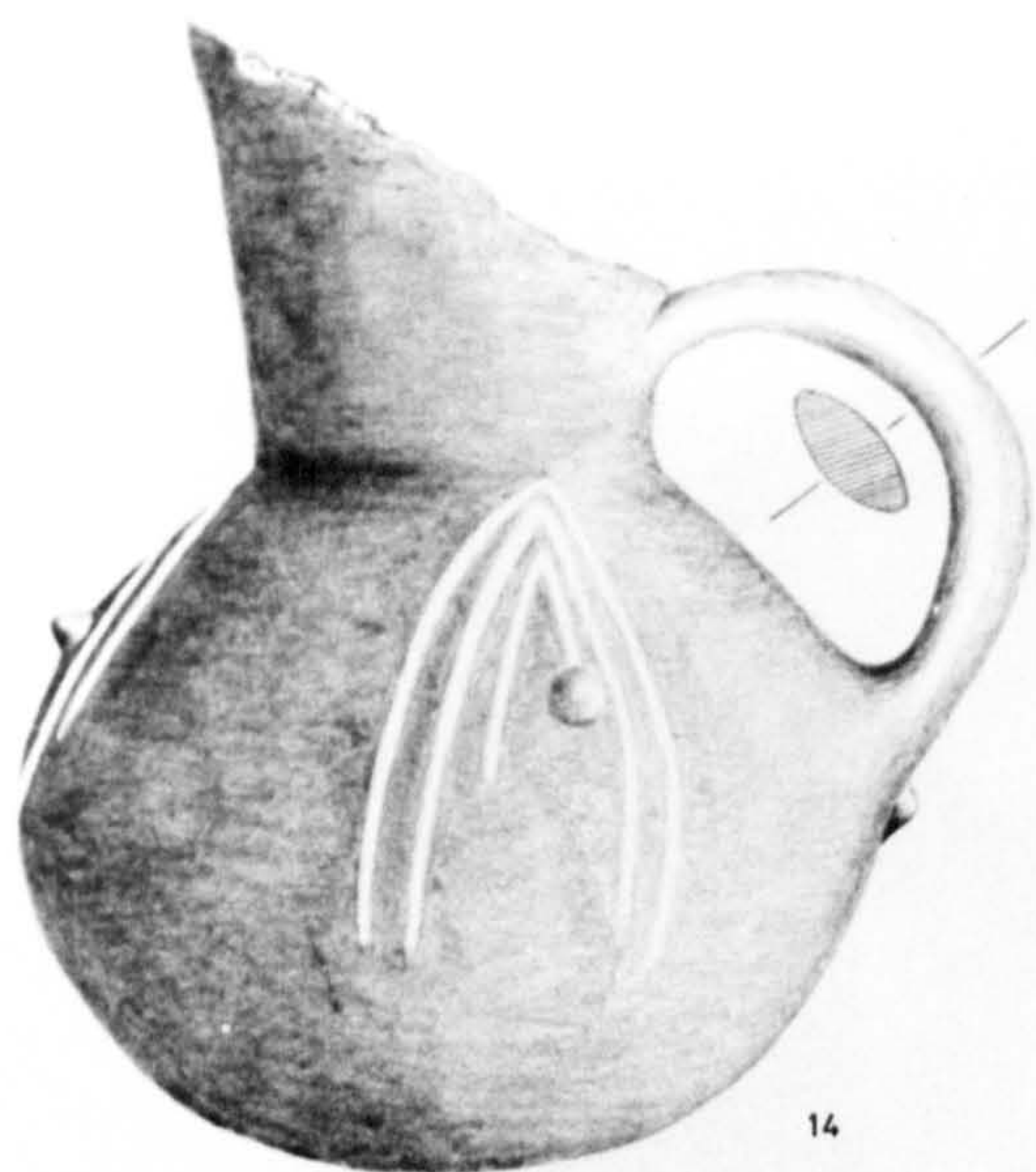


FIG. 41

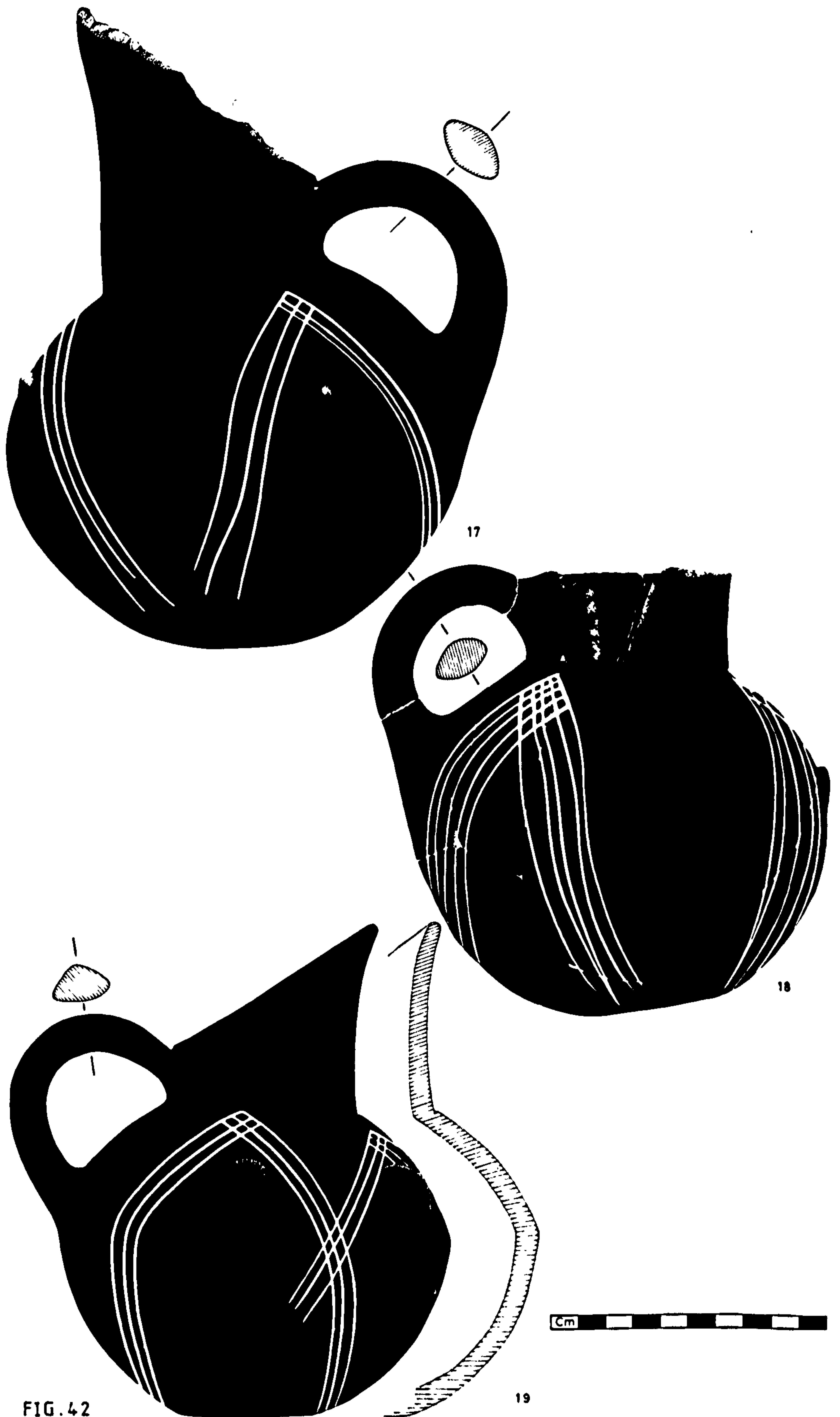


FIG. 42

RED WARE

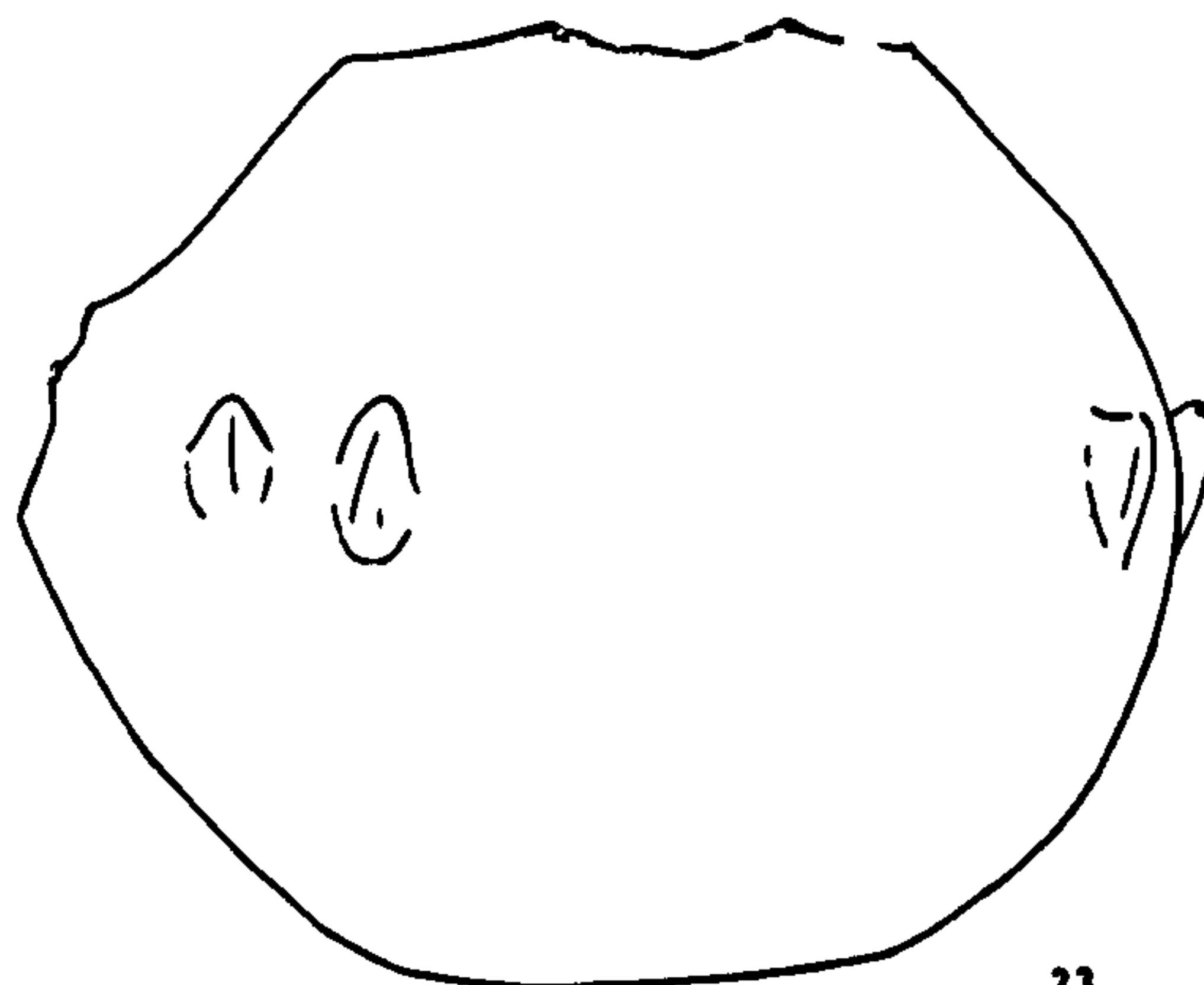
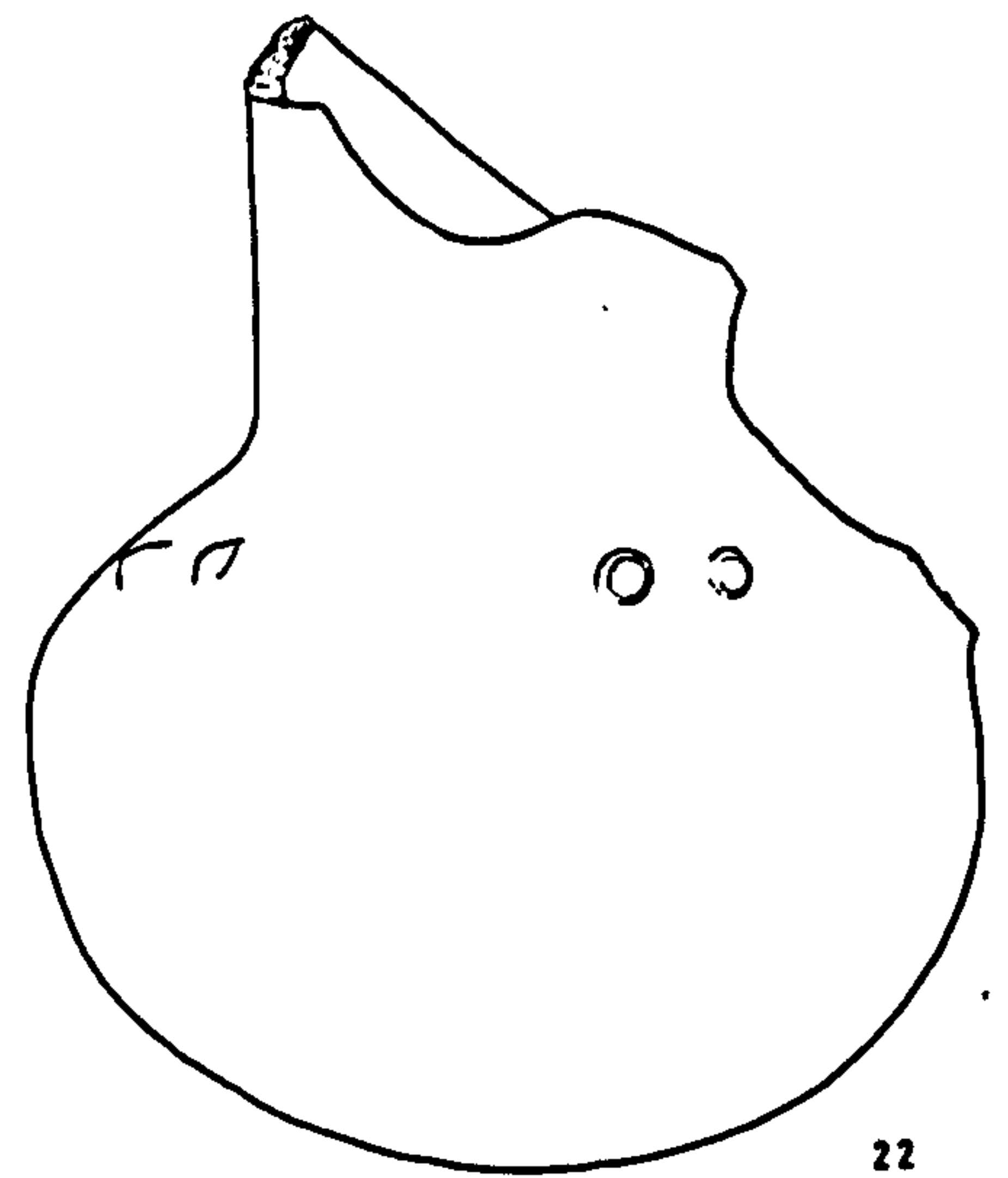
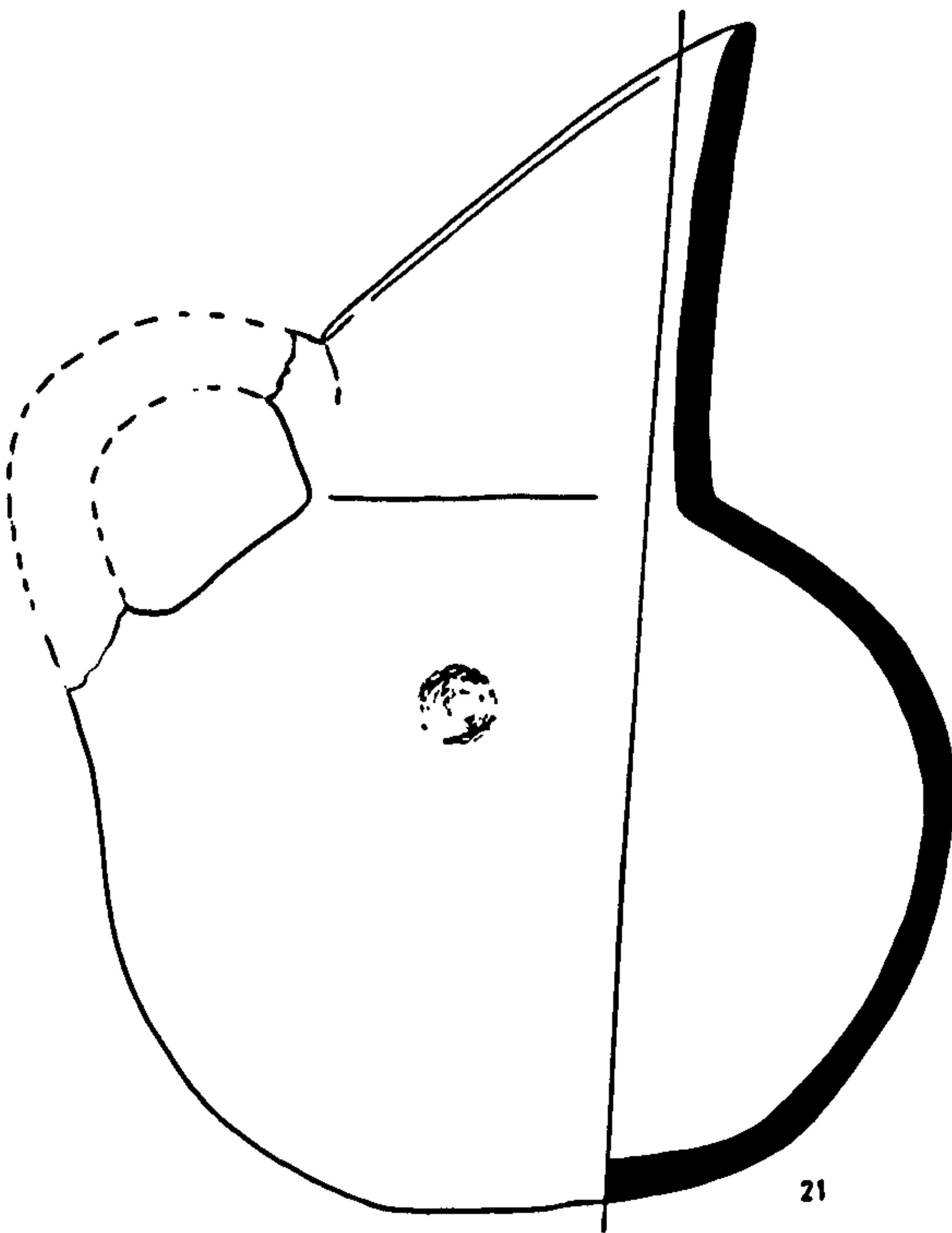
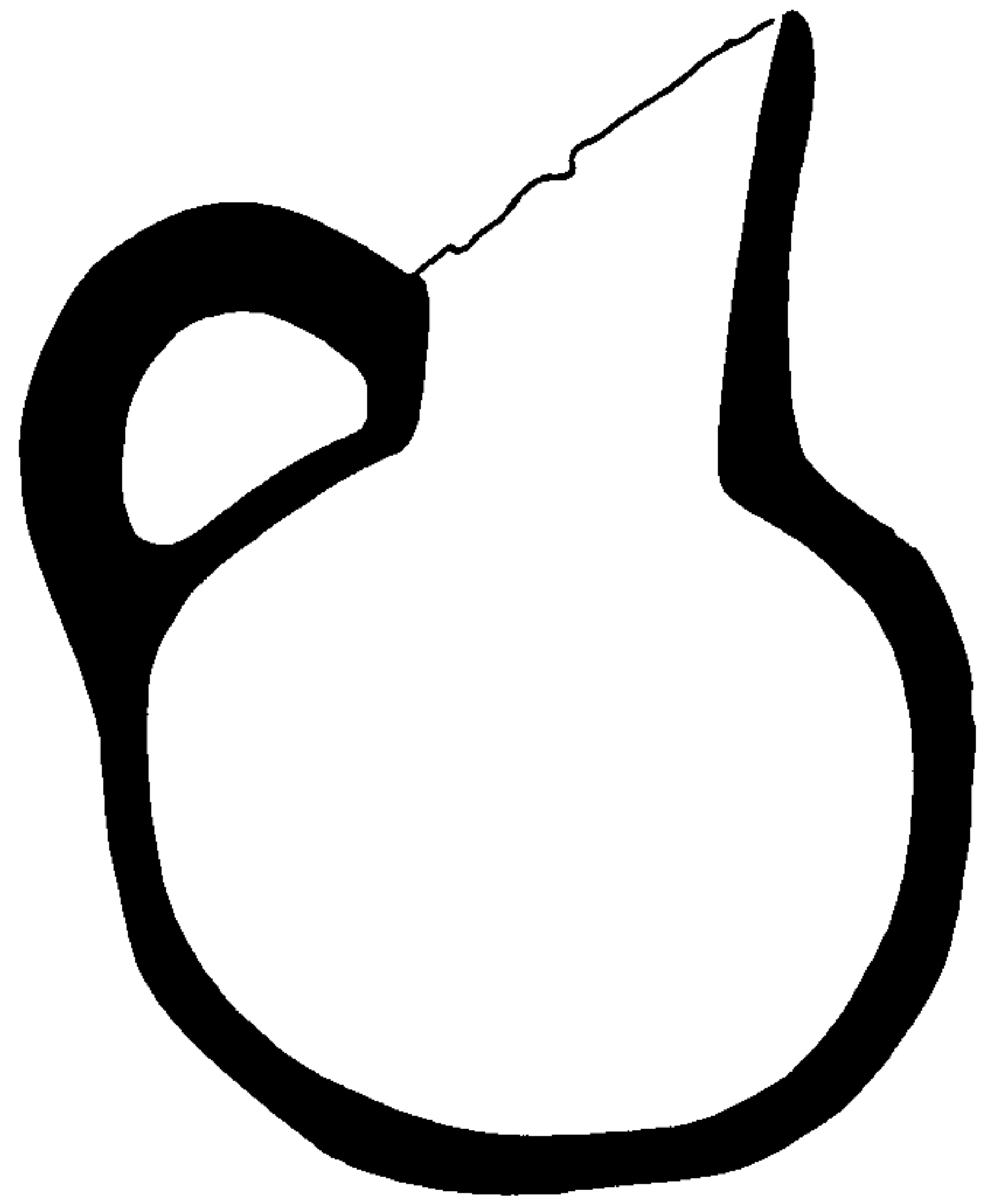
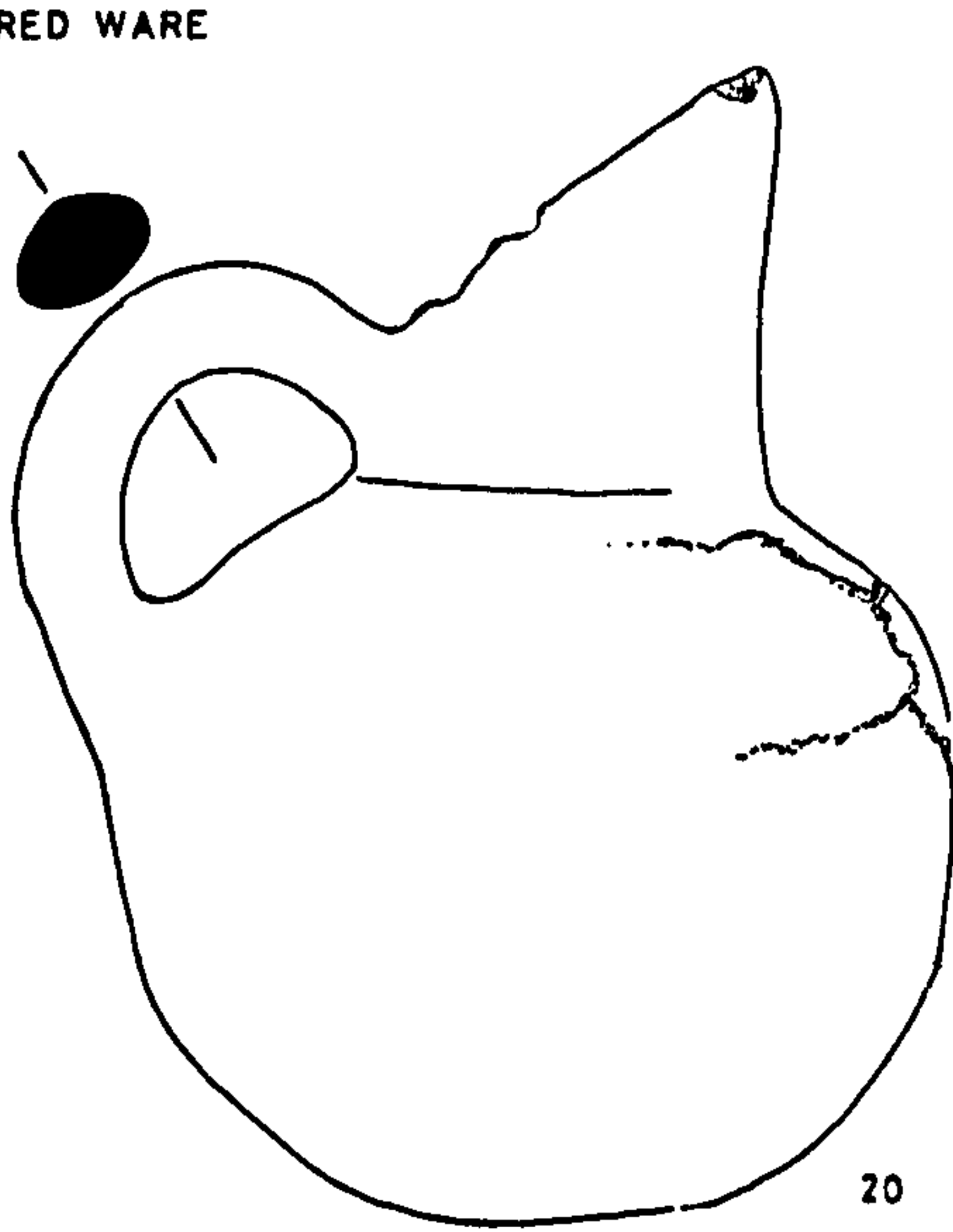


FIG. 43

23

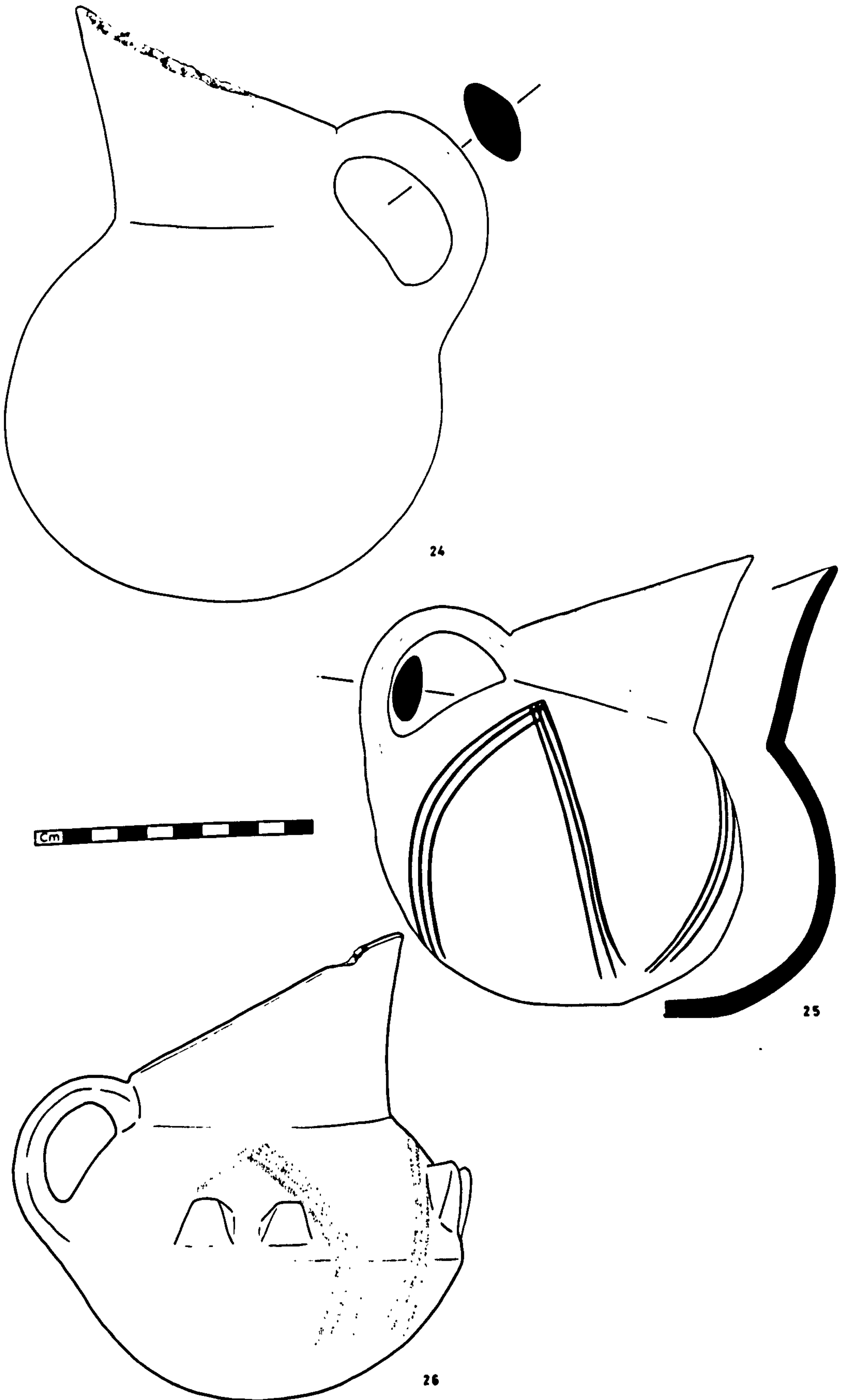


FIG. 44

SHAPE IX

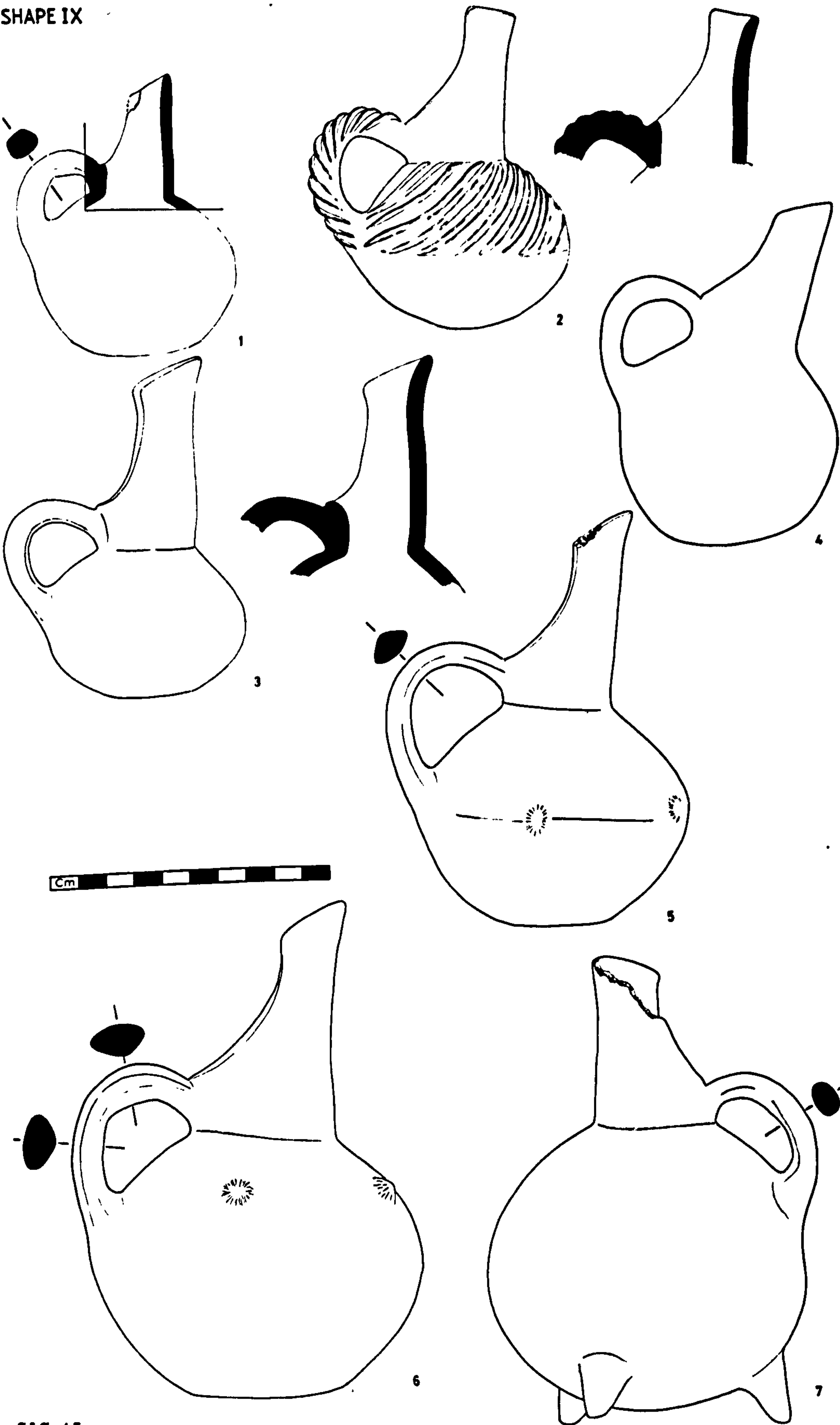
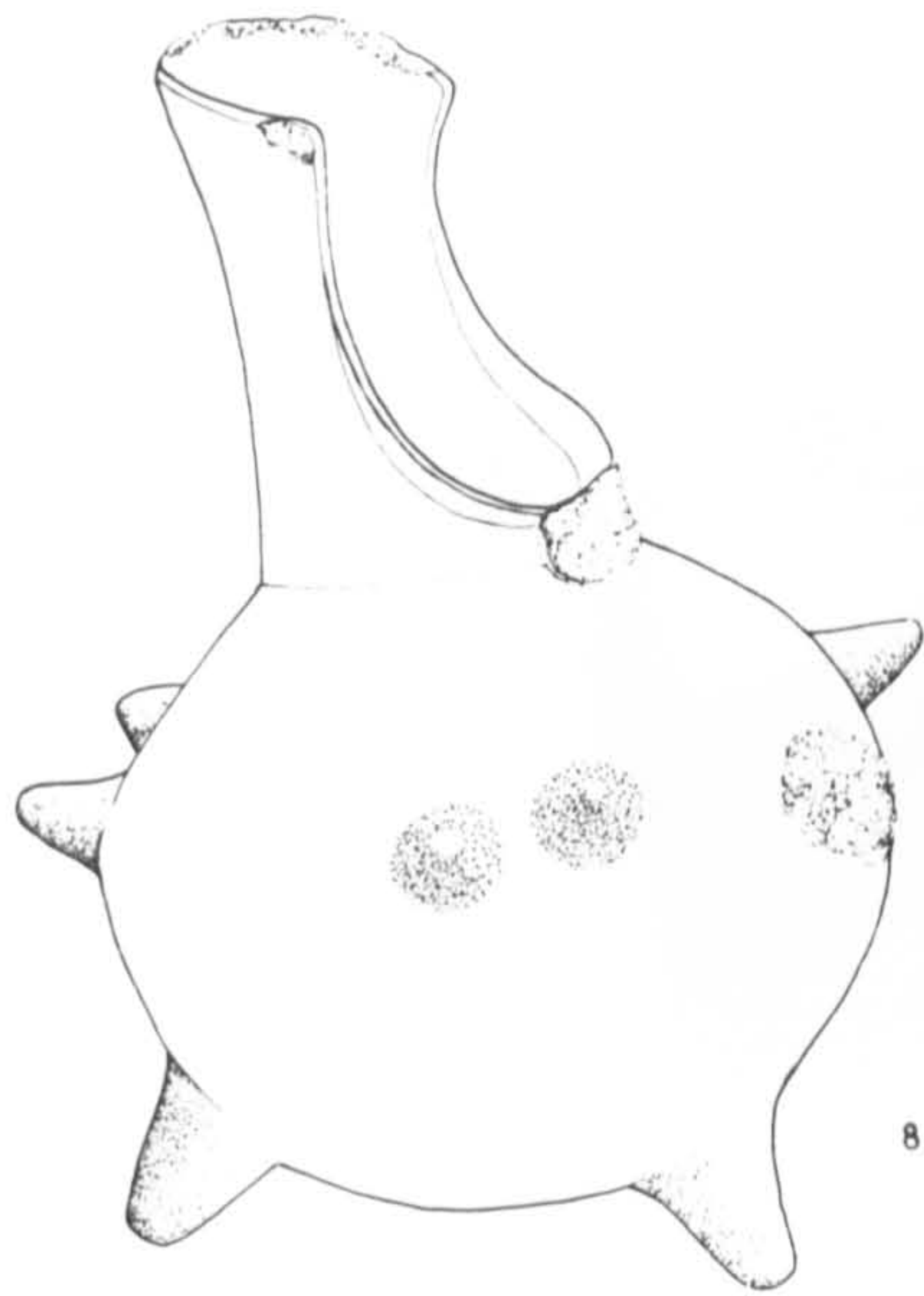
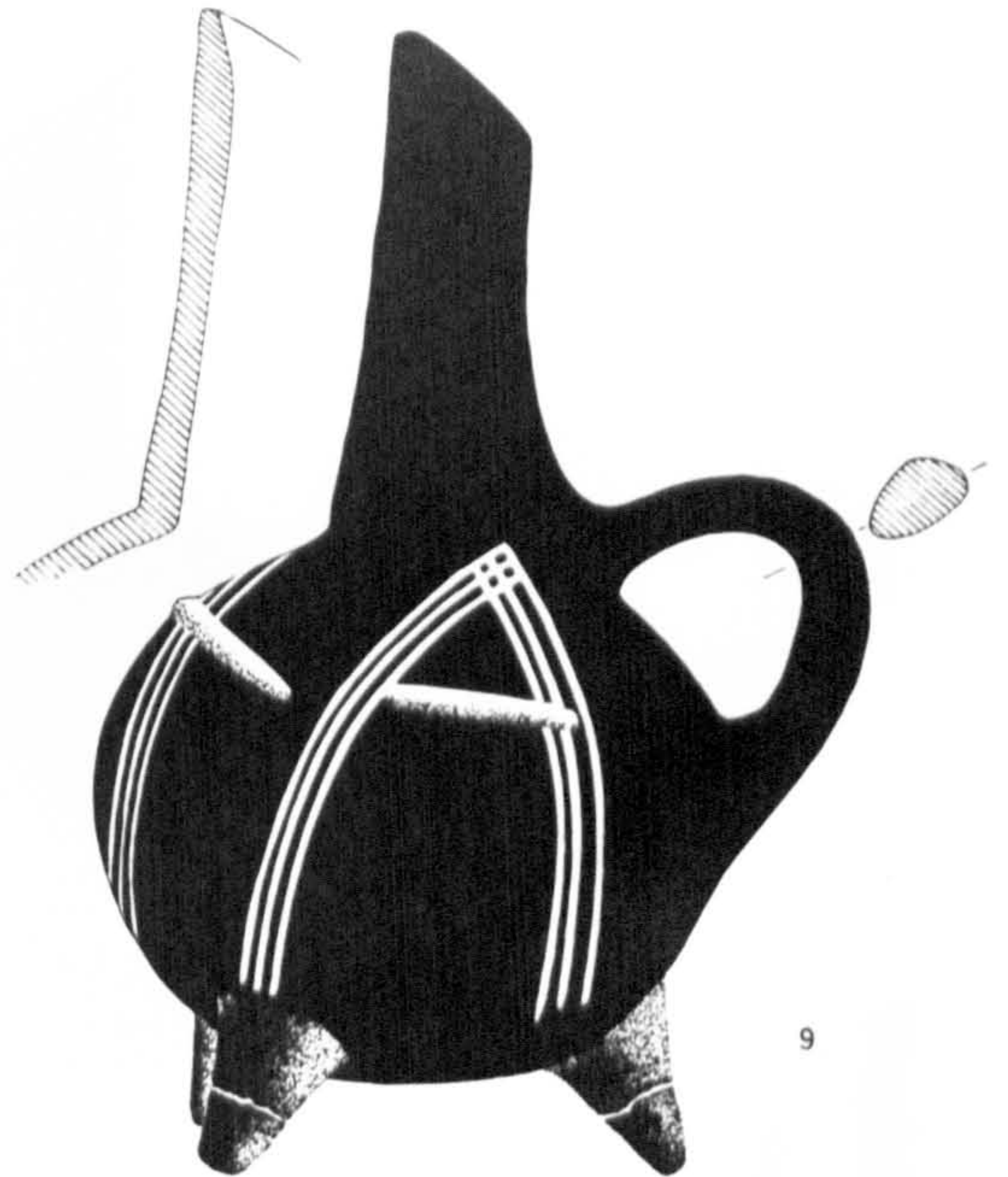


FIG.45



8



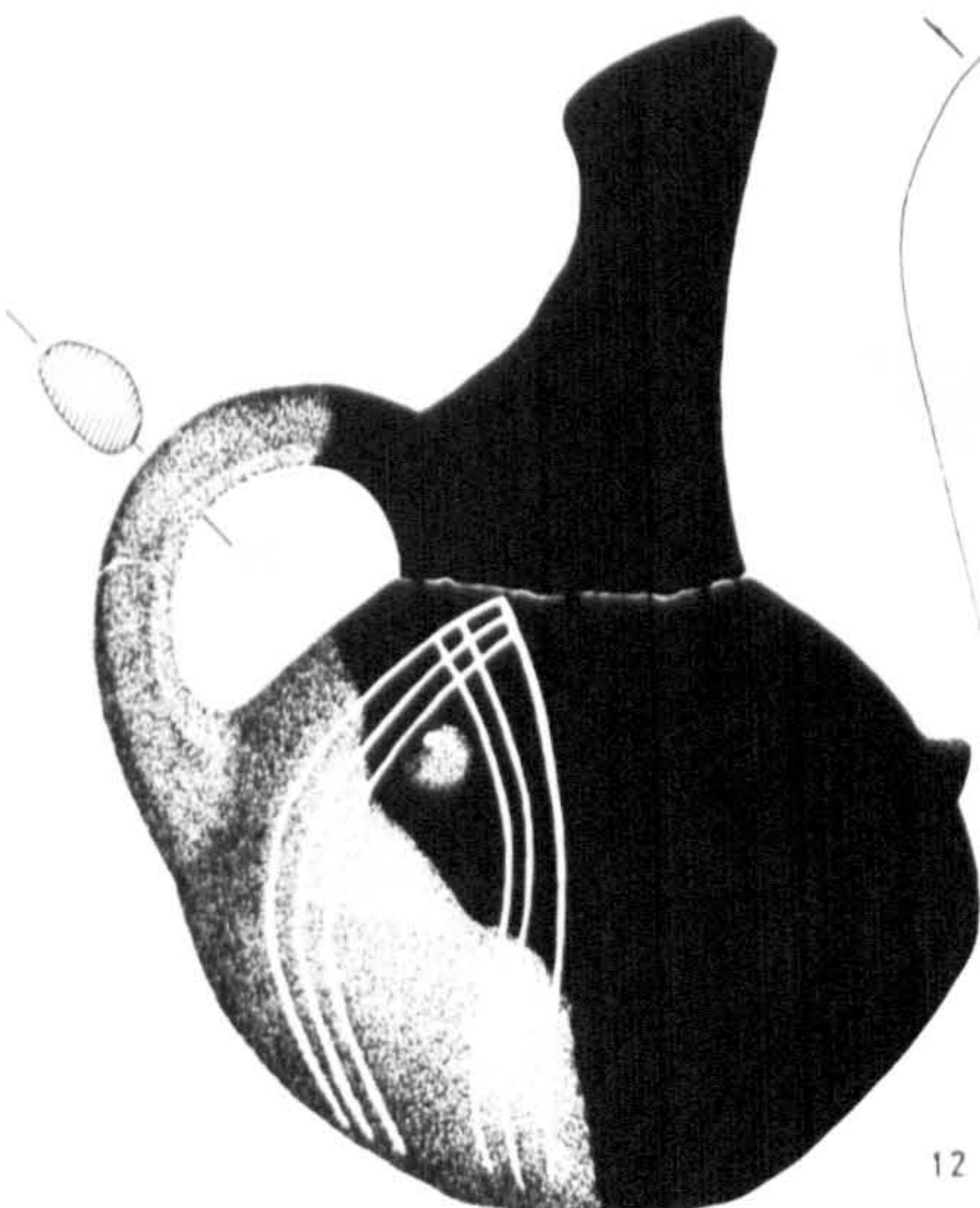
9



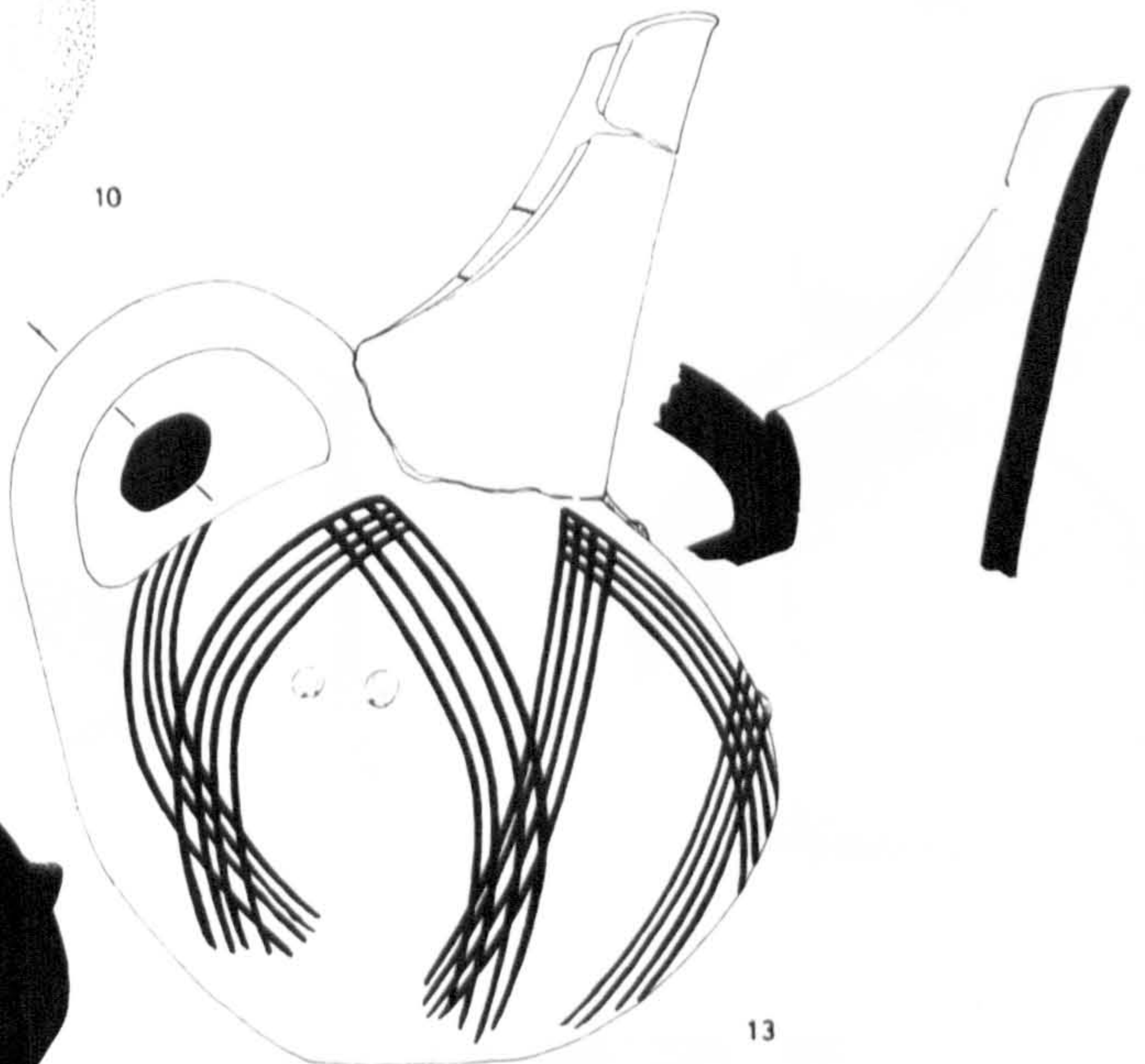
10



11



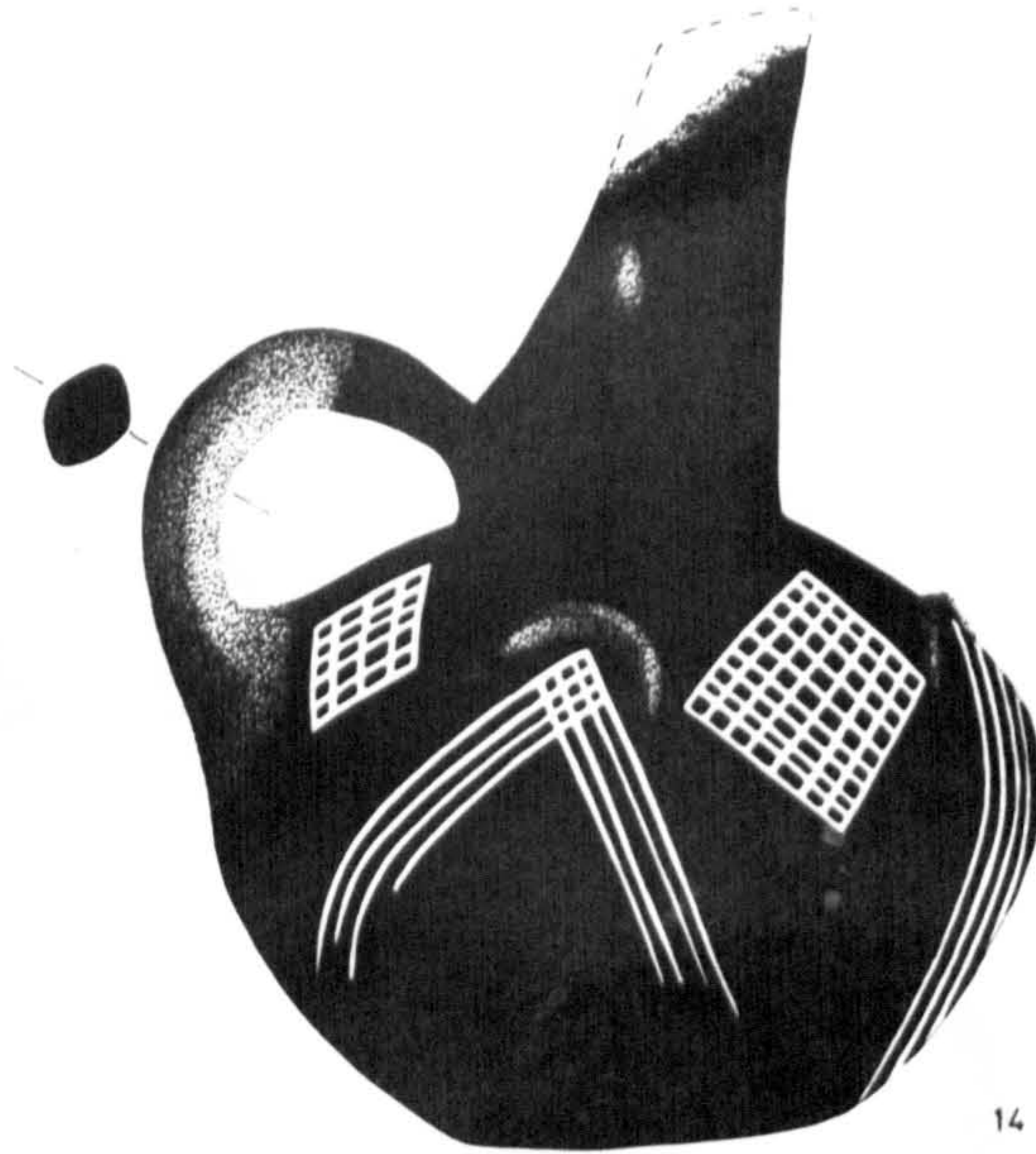
12



13

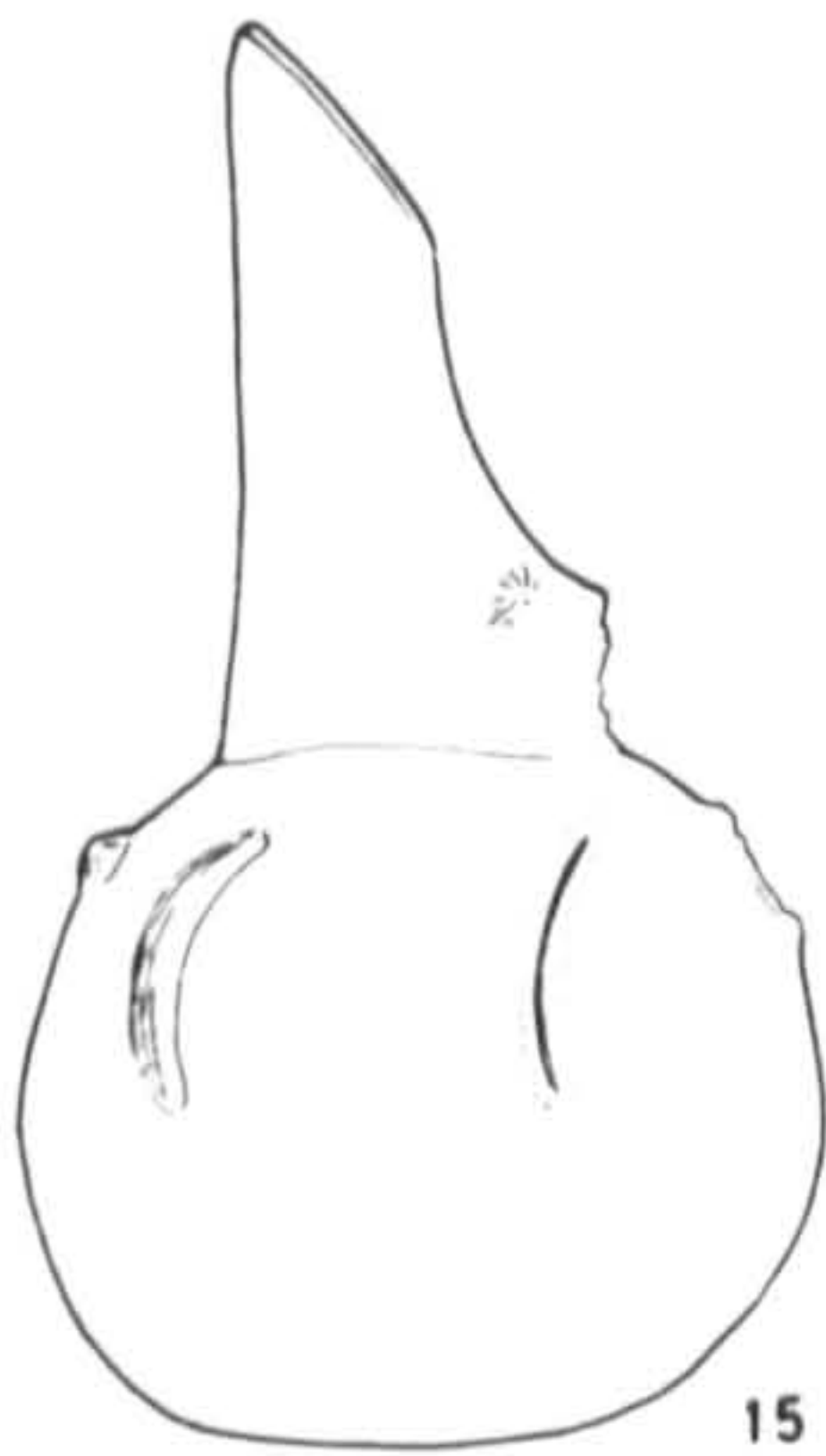
FIG. 46



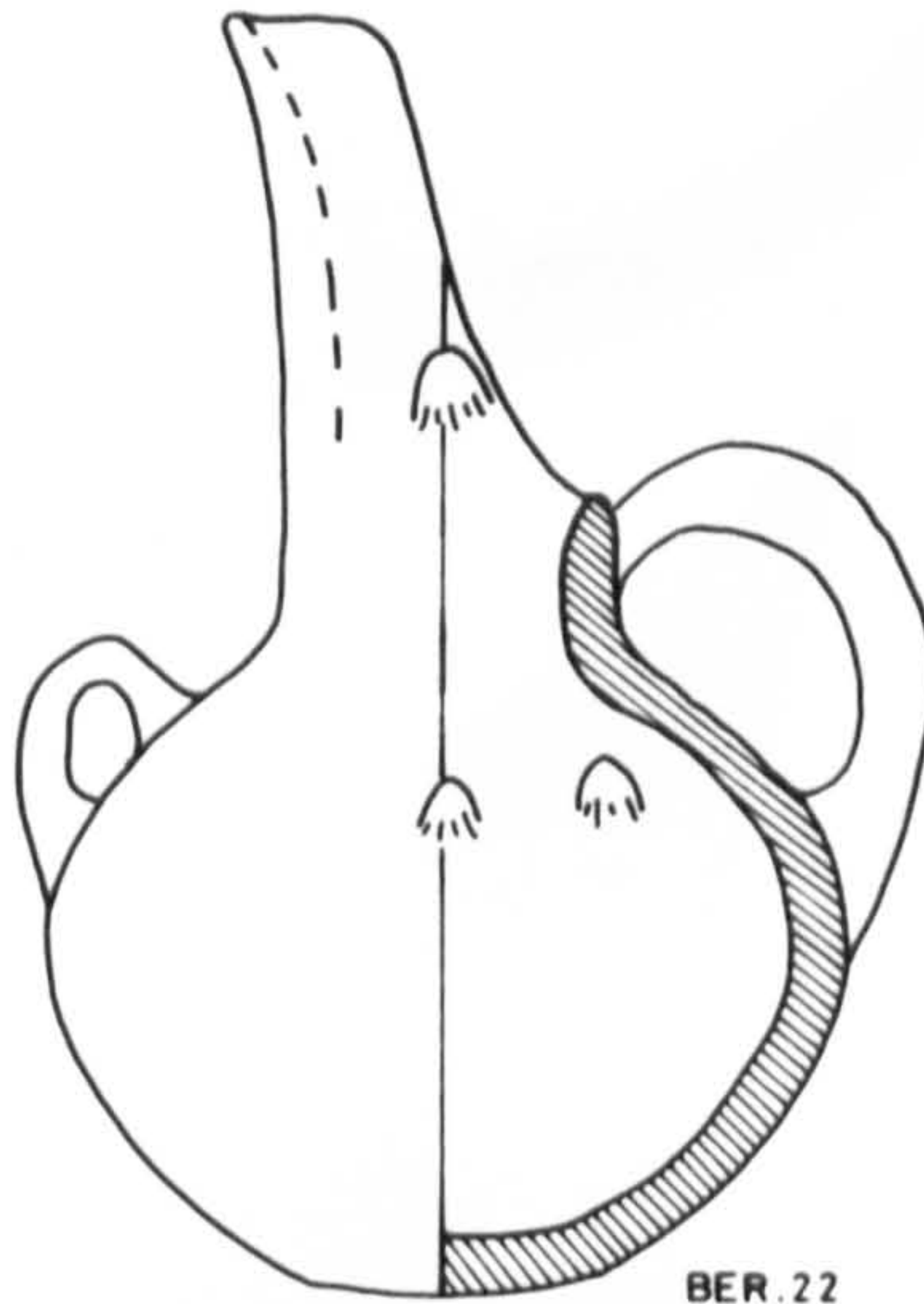


14

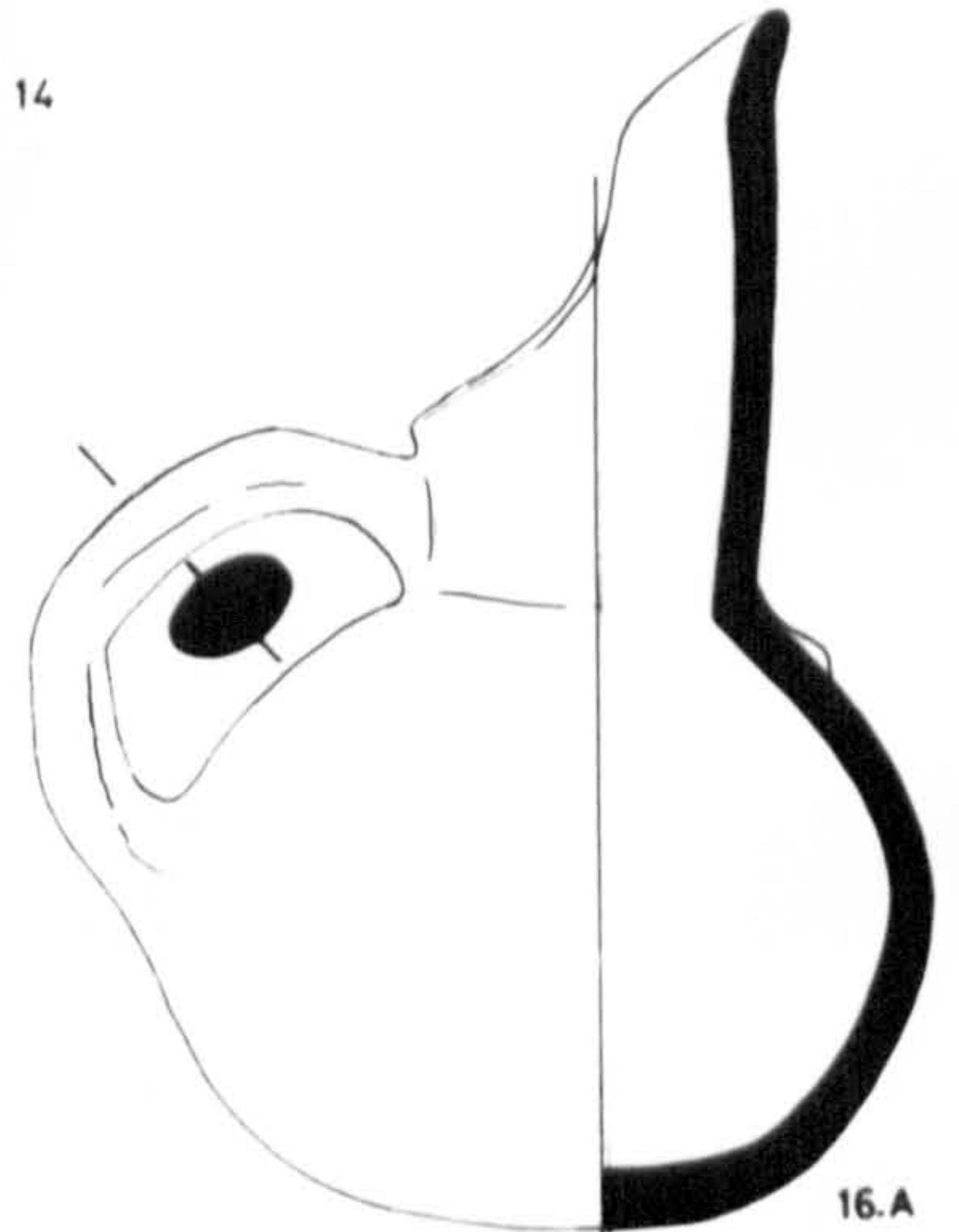
RED WARE



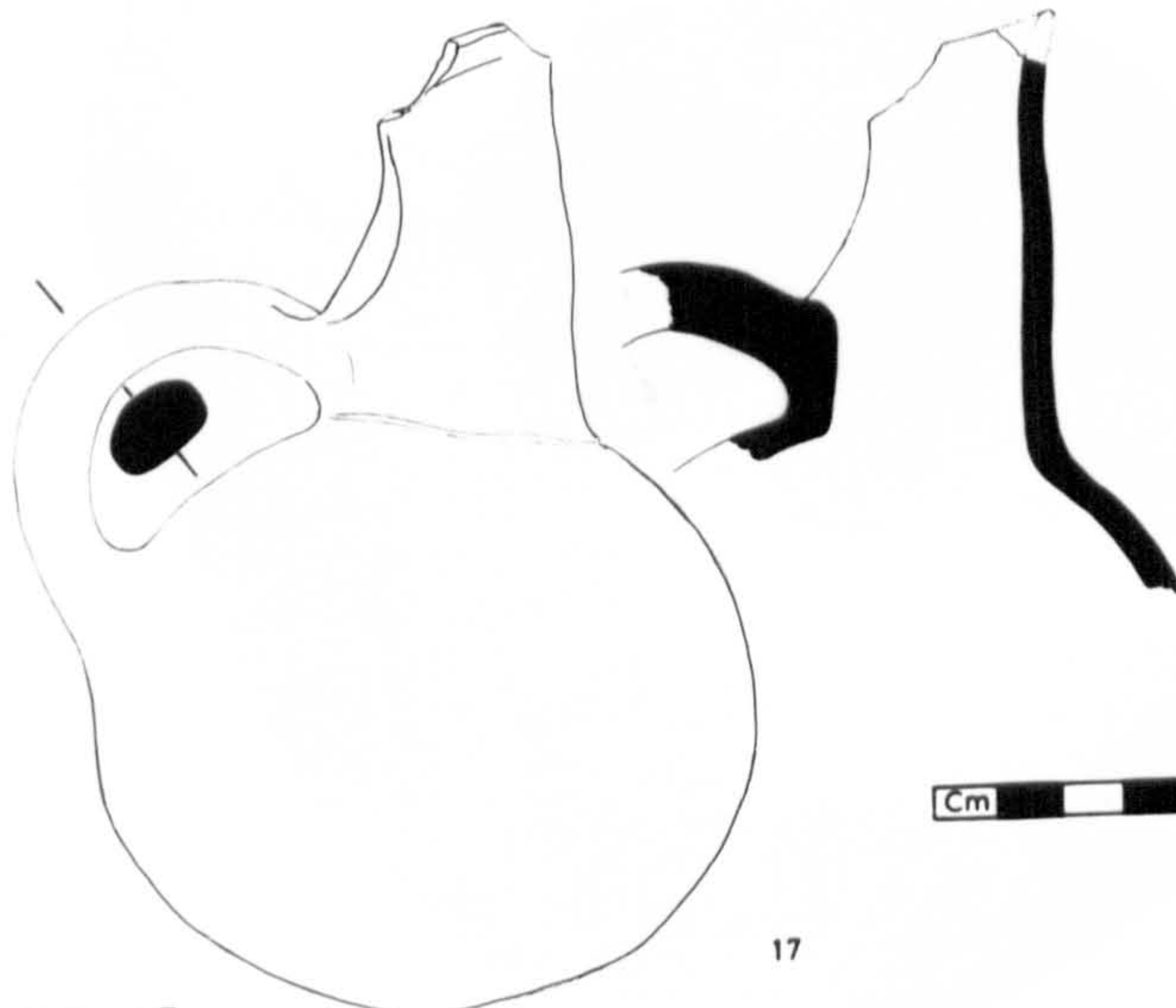
15



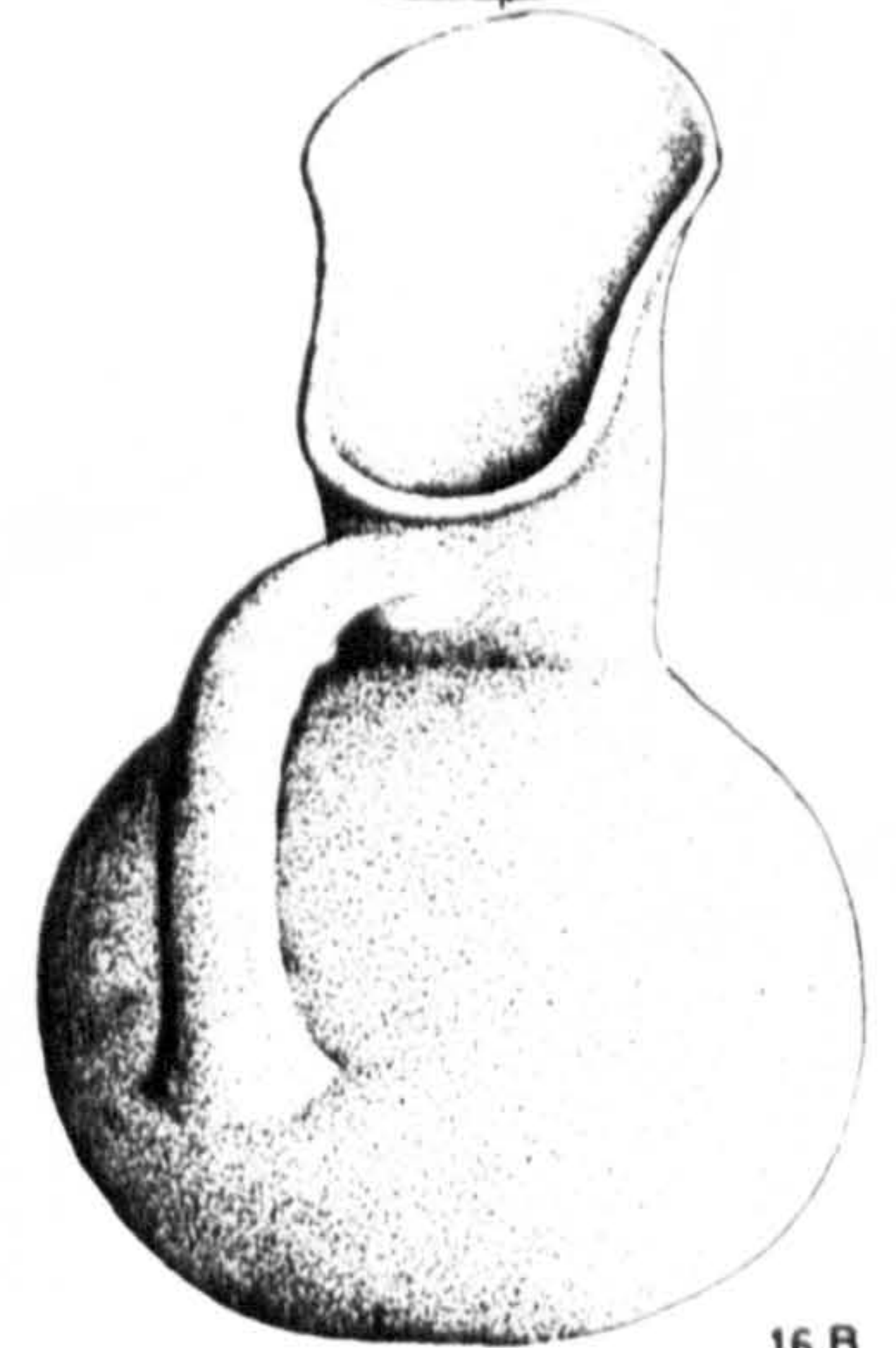
BER. 22



16.A



17



16.B



FIG. 47

SHAPE X



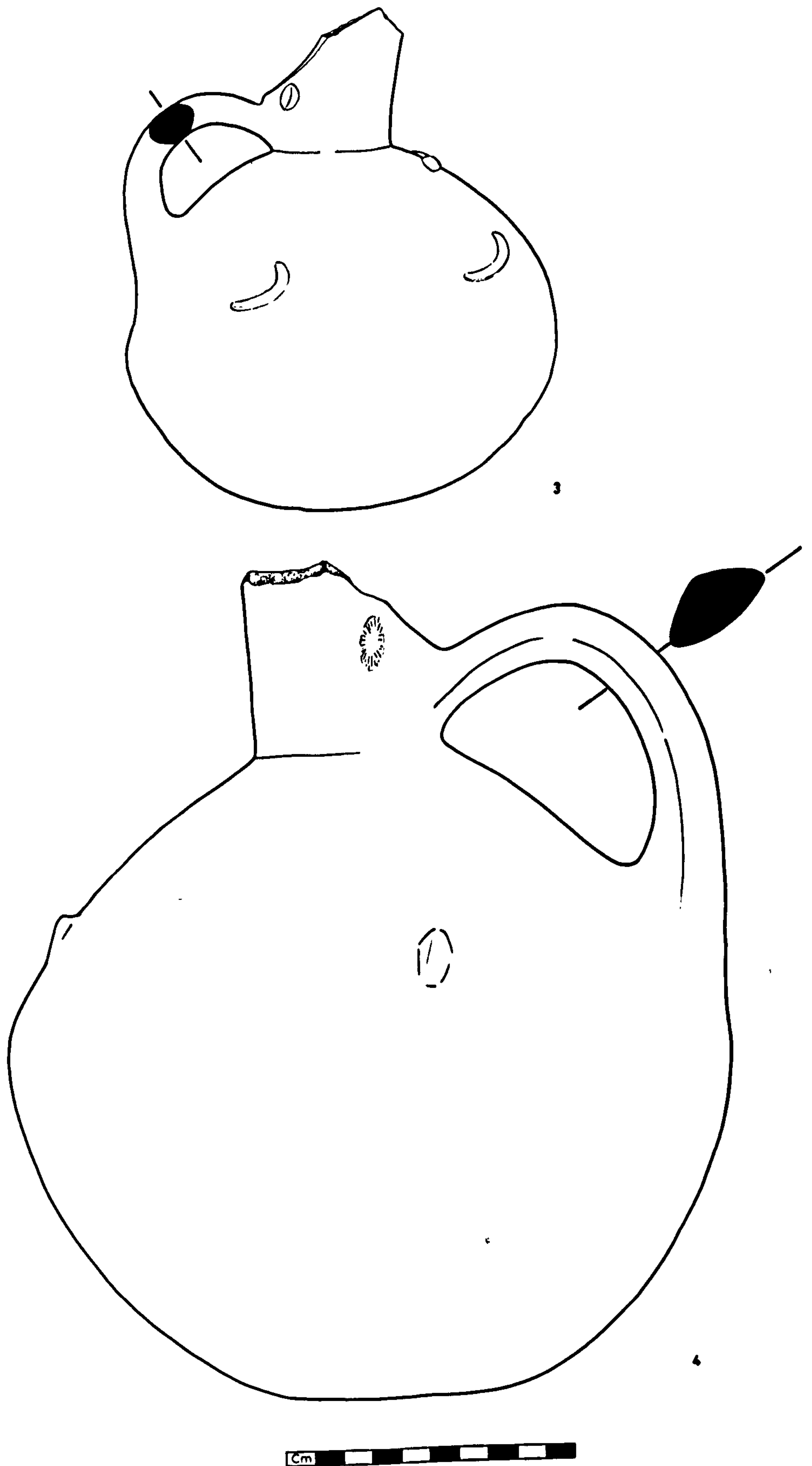
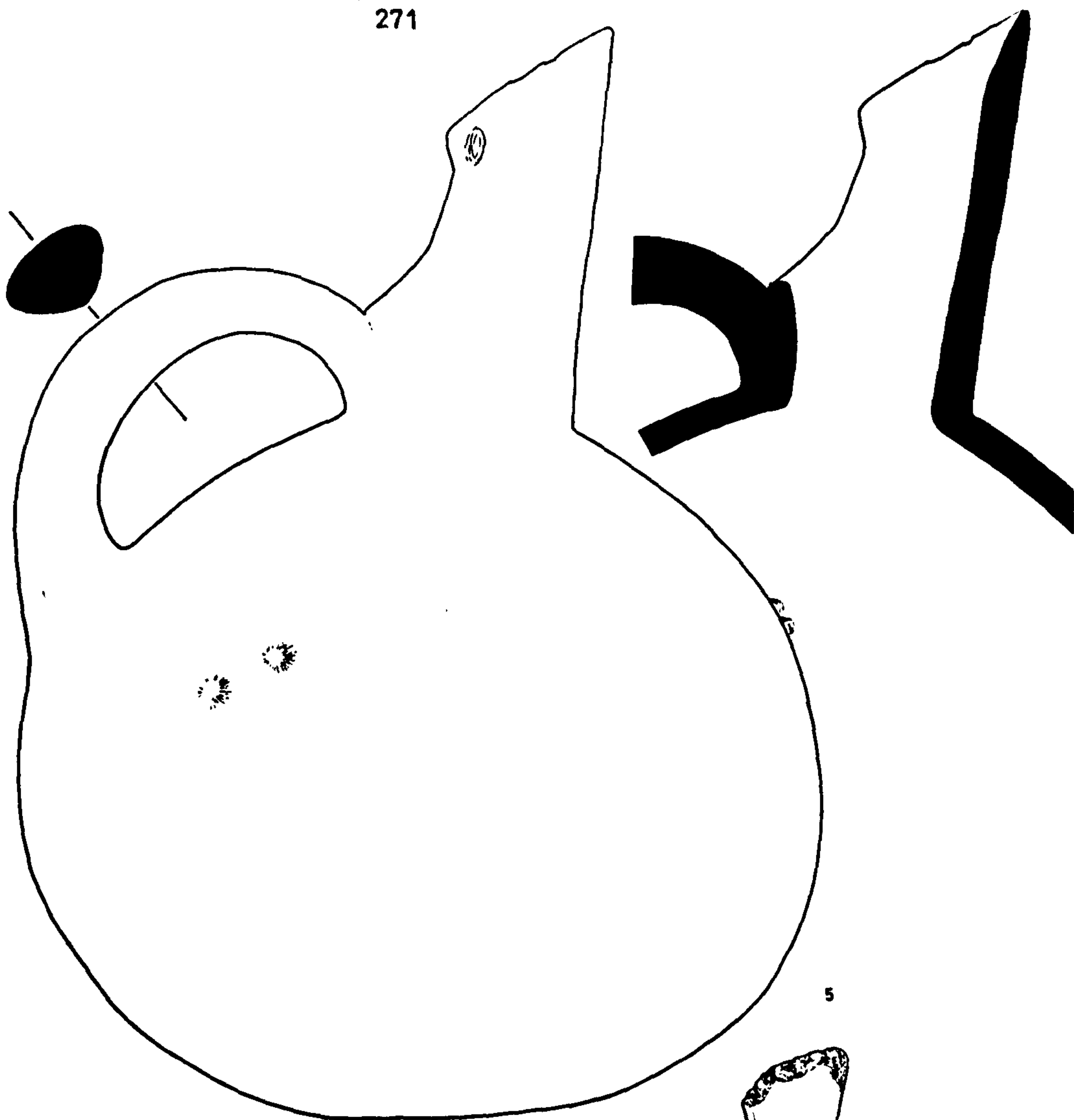
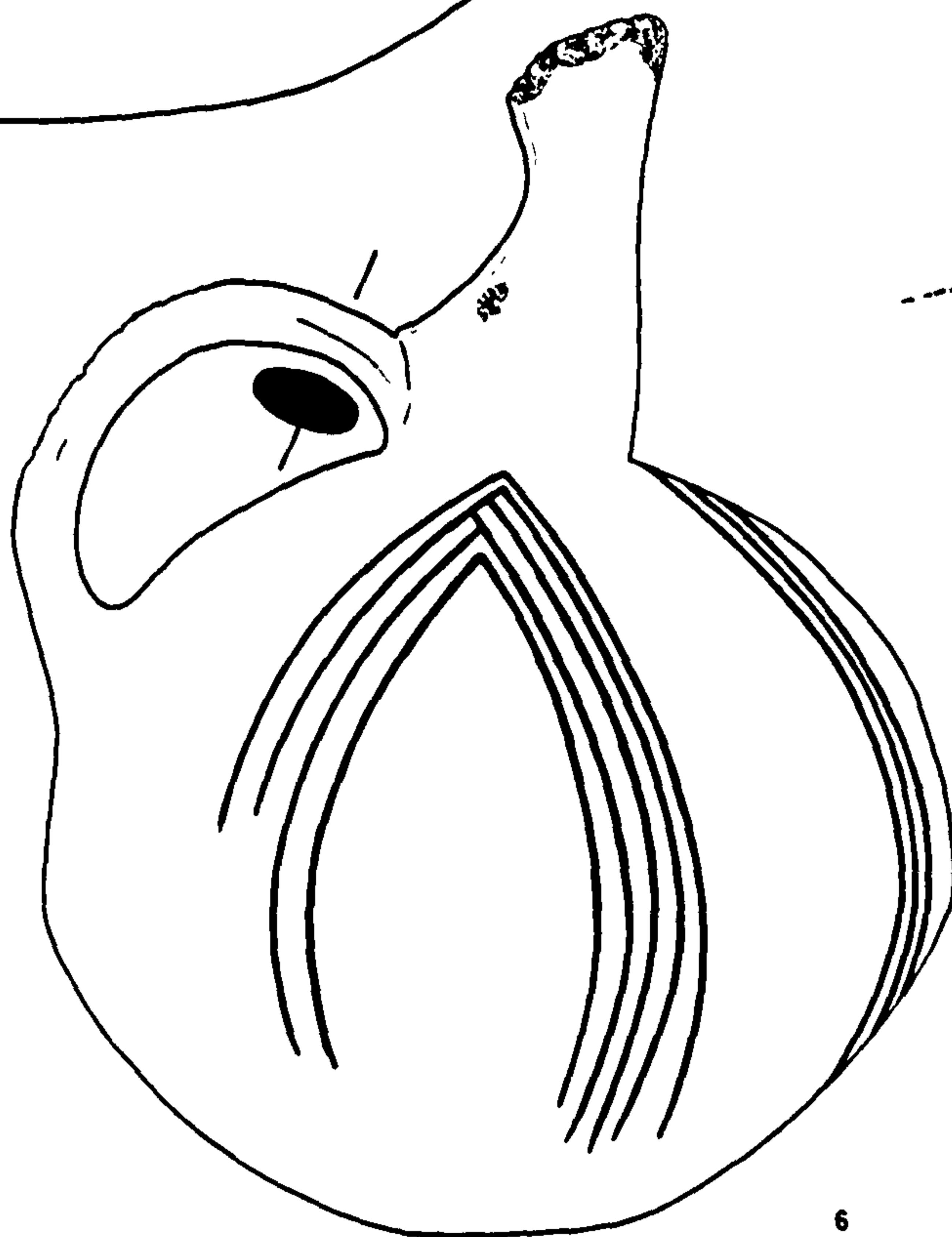


FIG. 49

271



5



6



FIG. 50

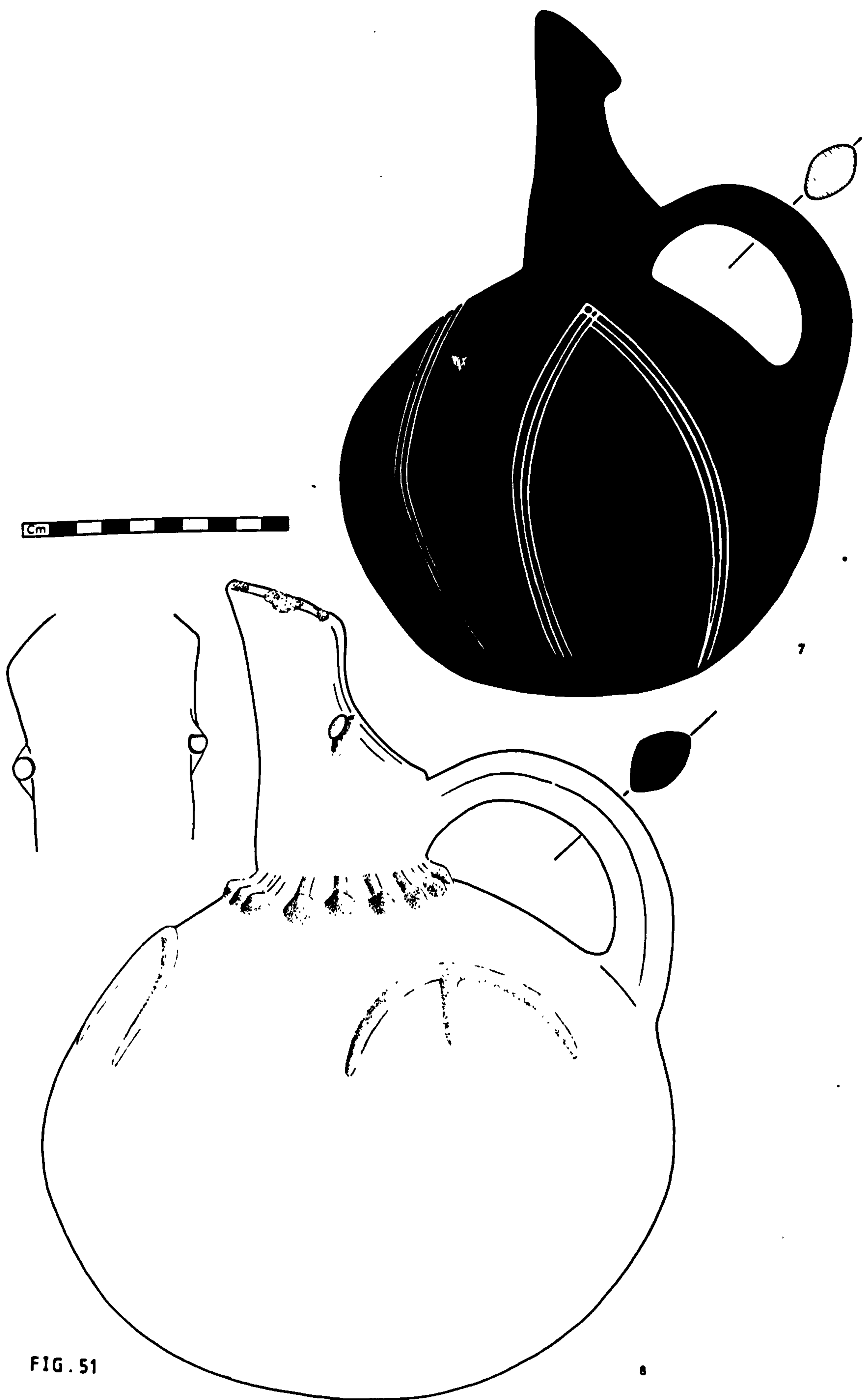
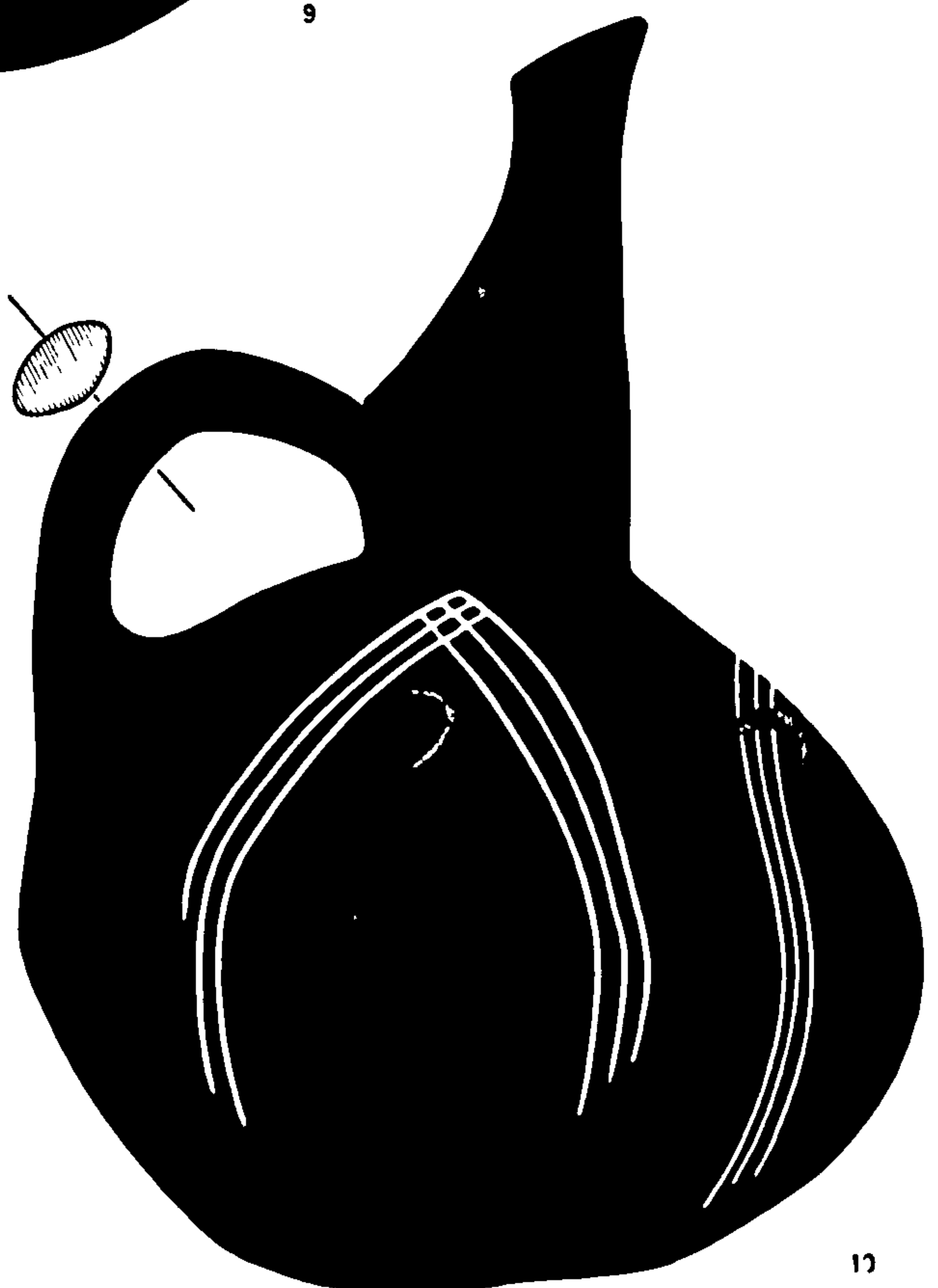


FIG. 51



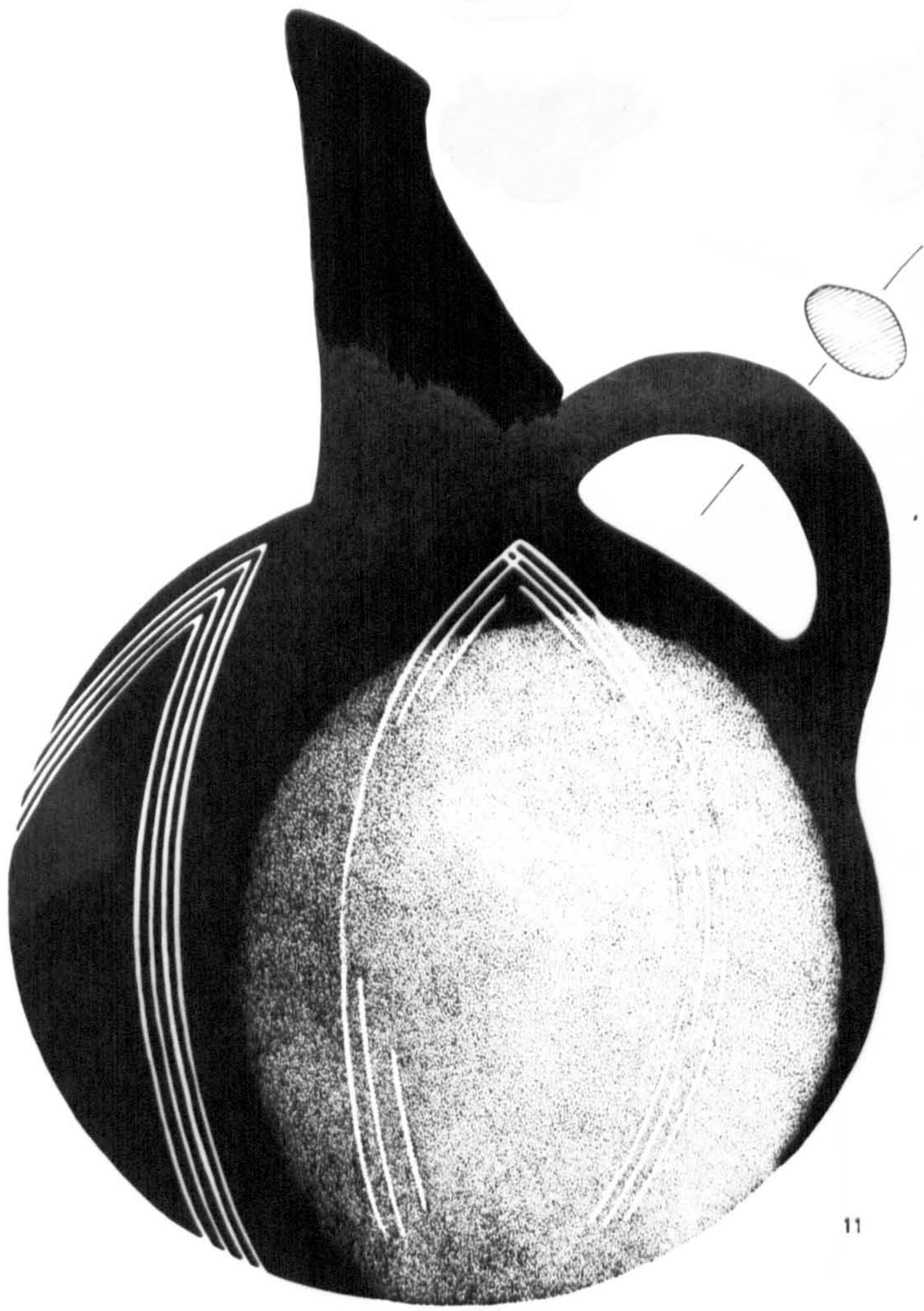
9



12

FIG. 52

274



11



12



FIG. 53

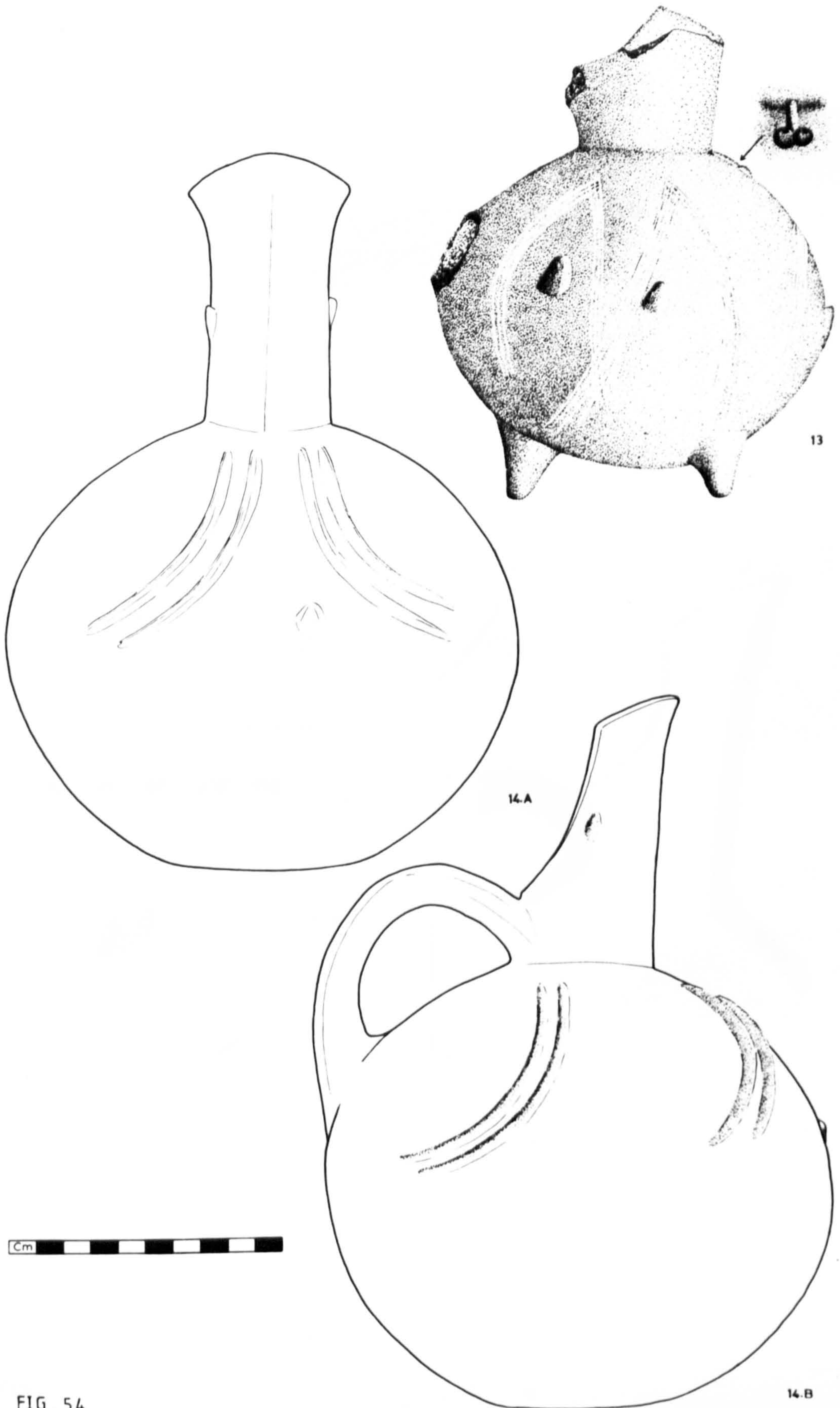
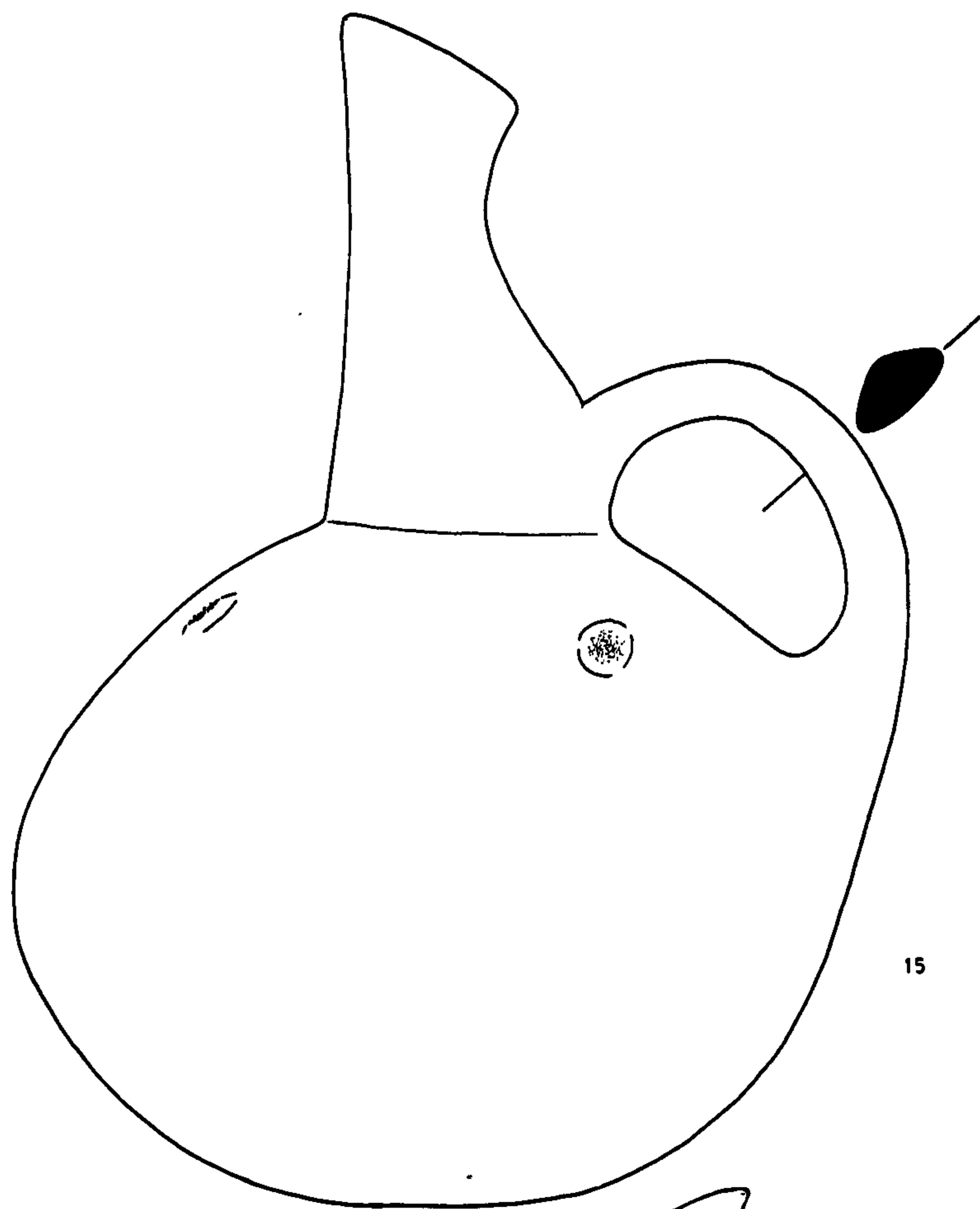
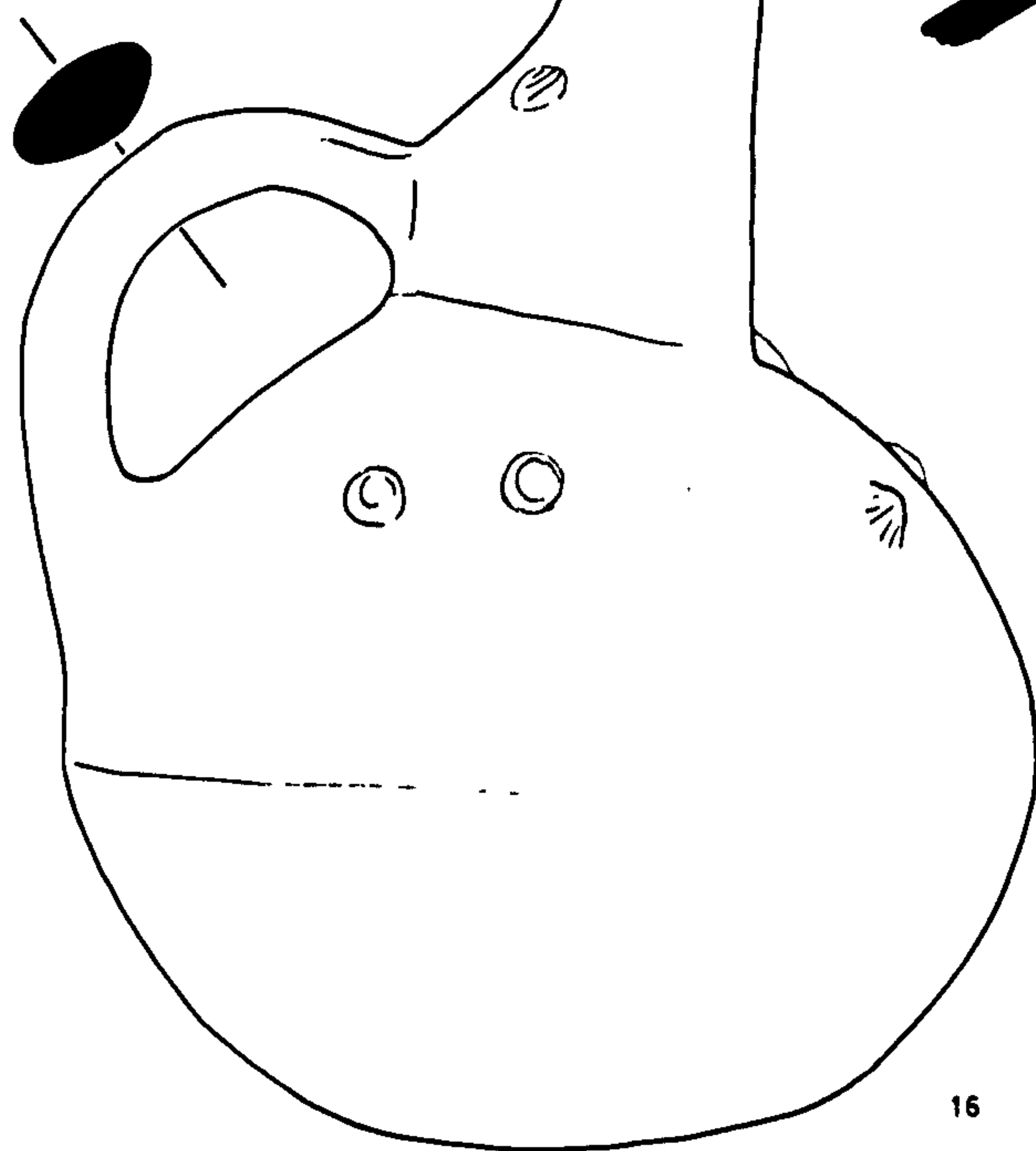


FIG. 54

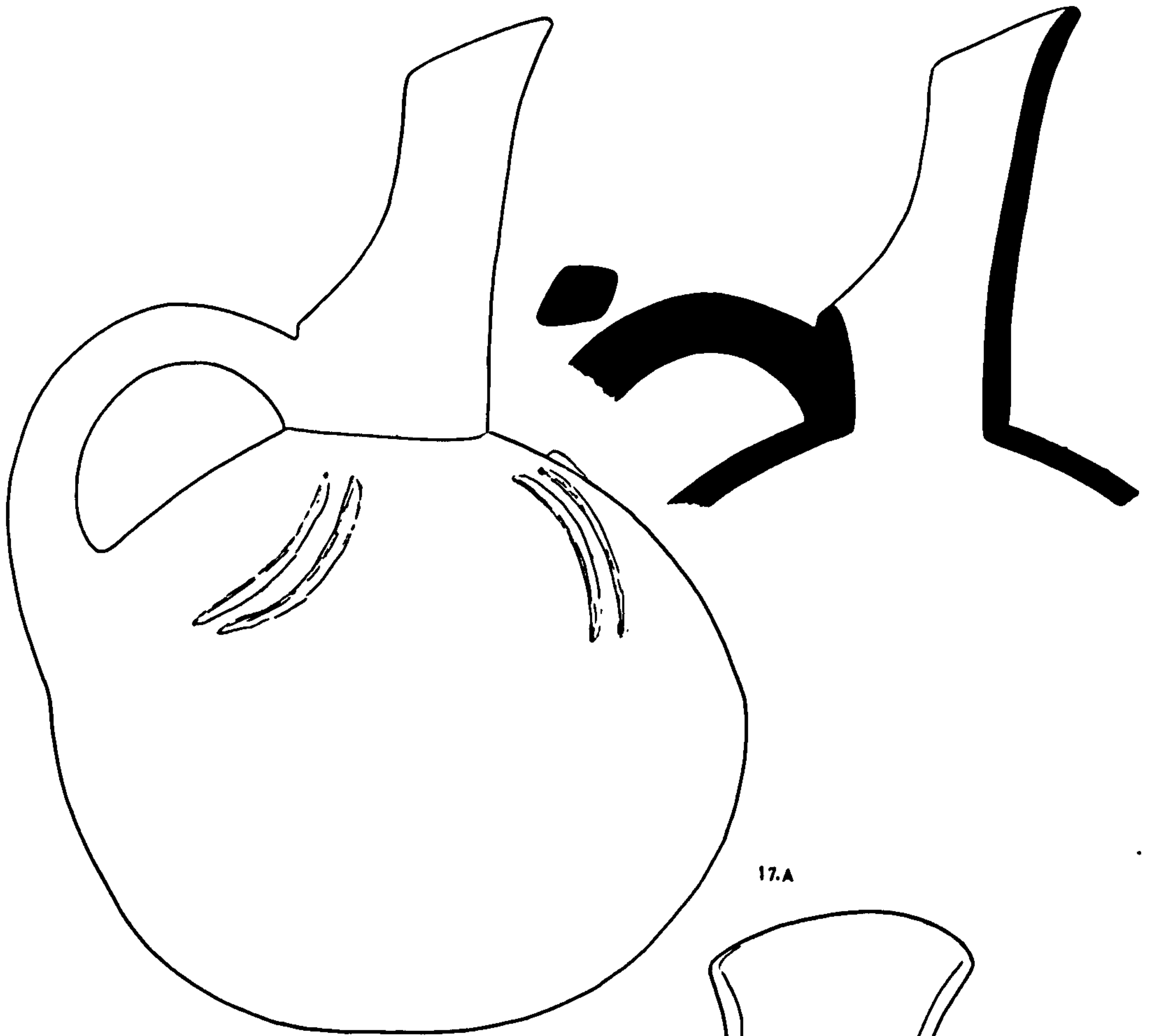


15

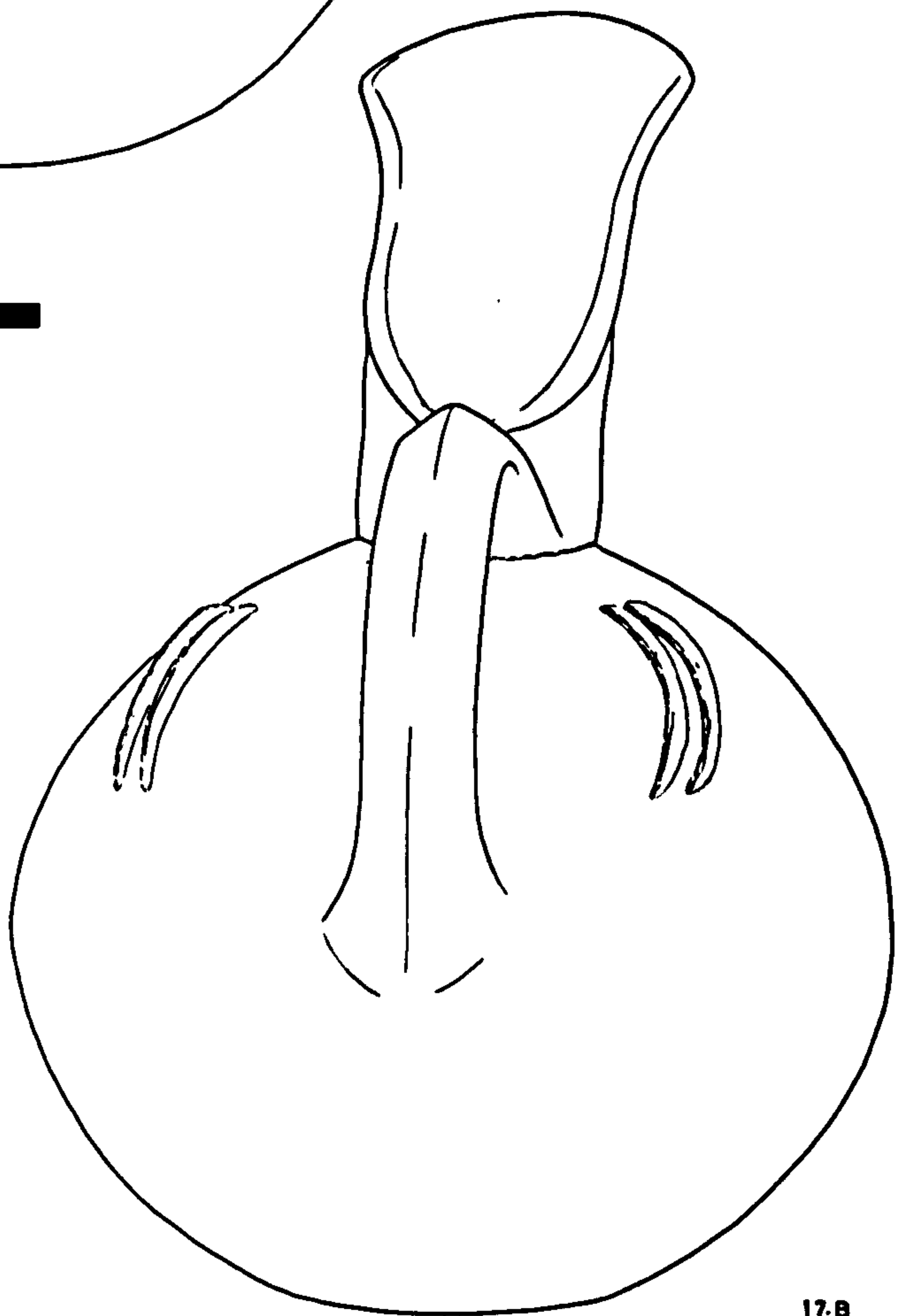


16

FIG. 55



17.A



17.B

FIG. 56

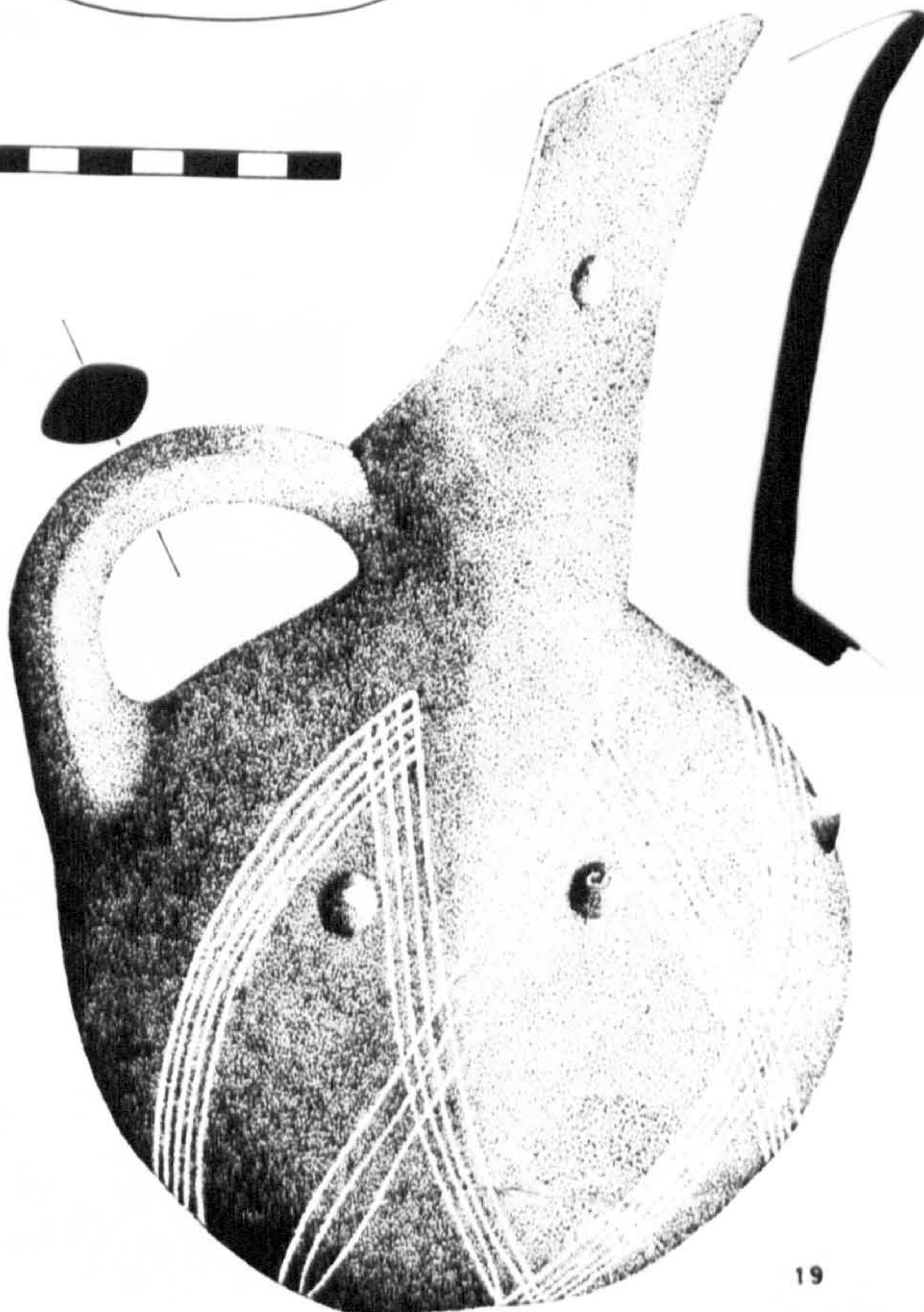
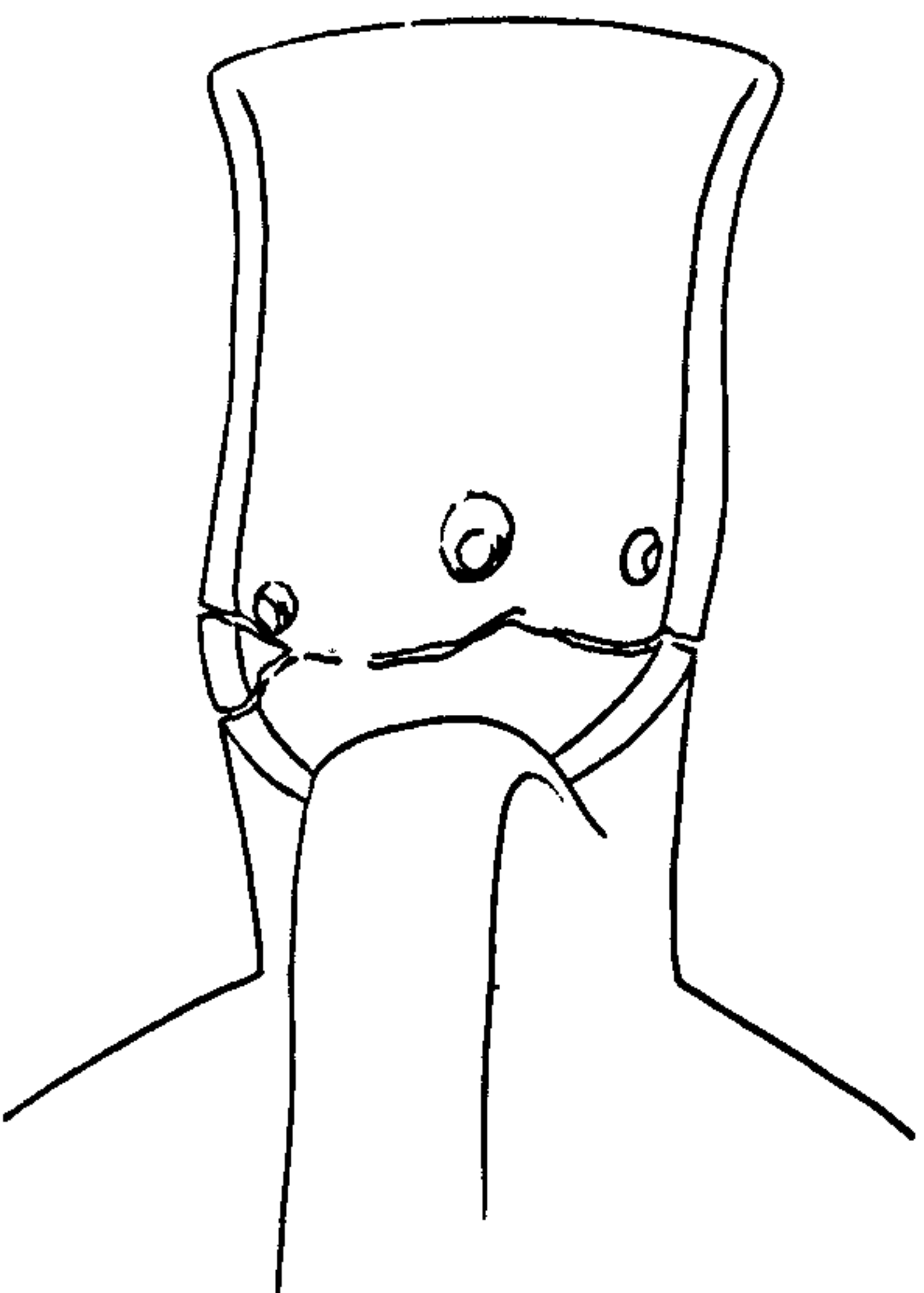
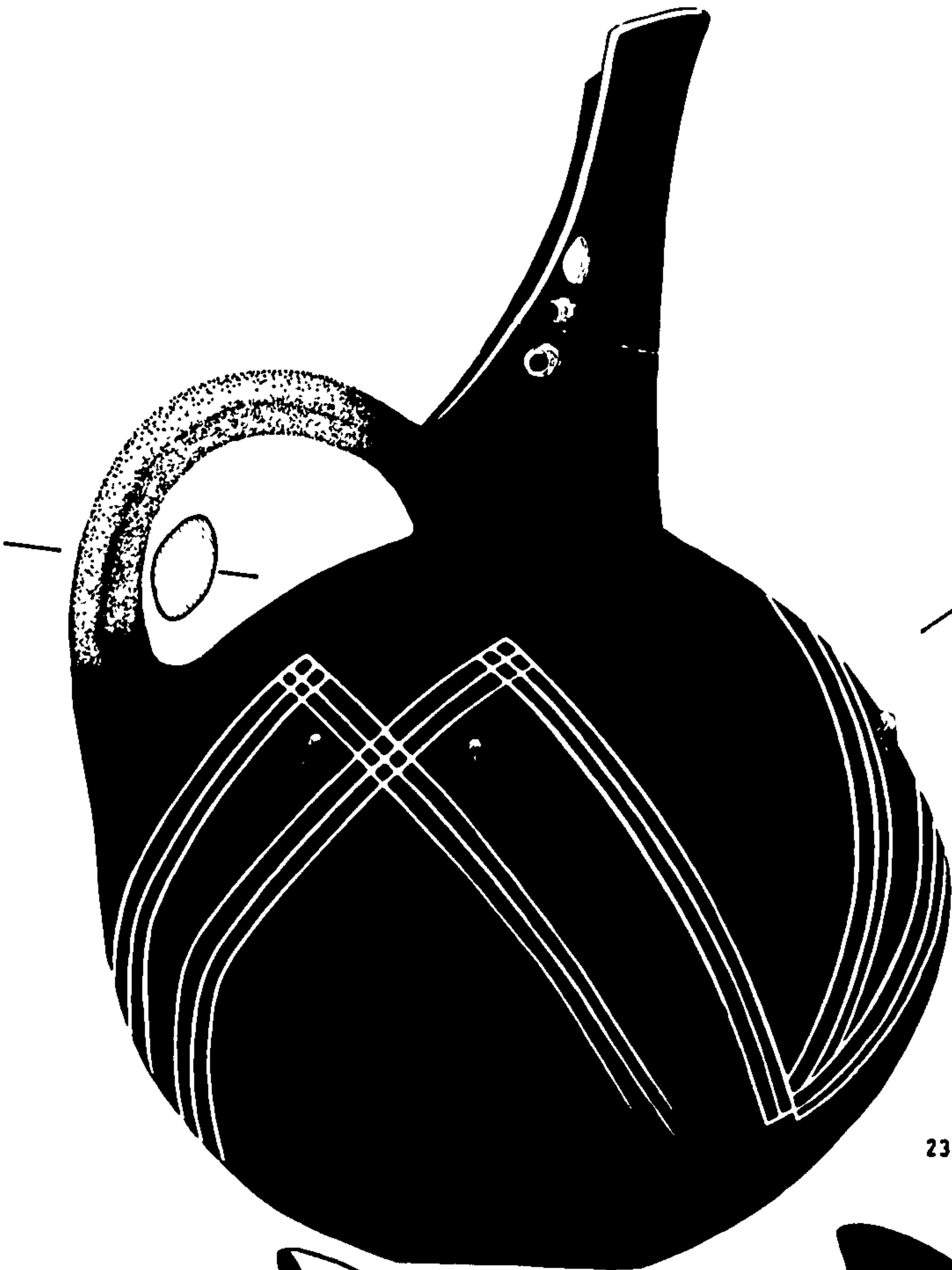


FIG. 57



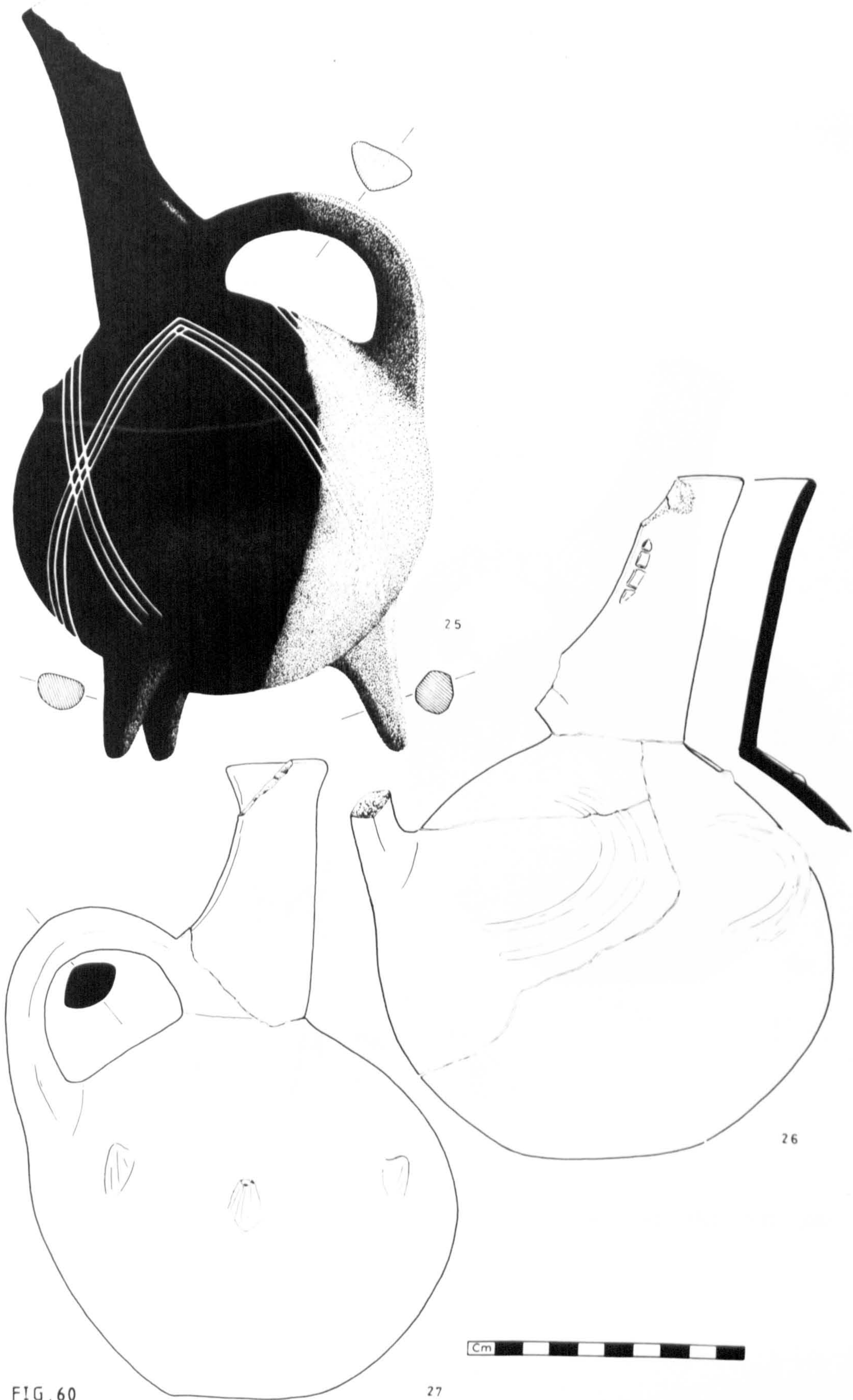


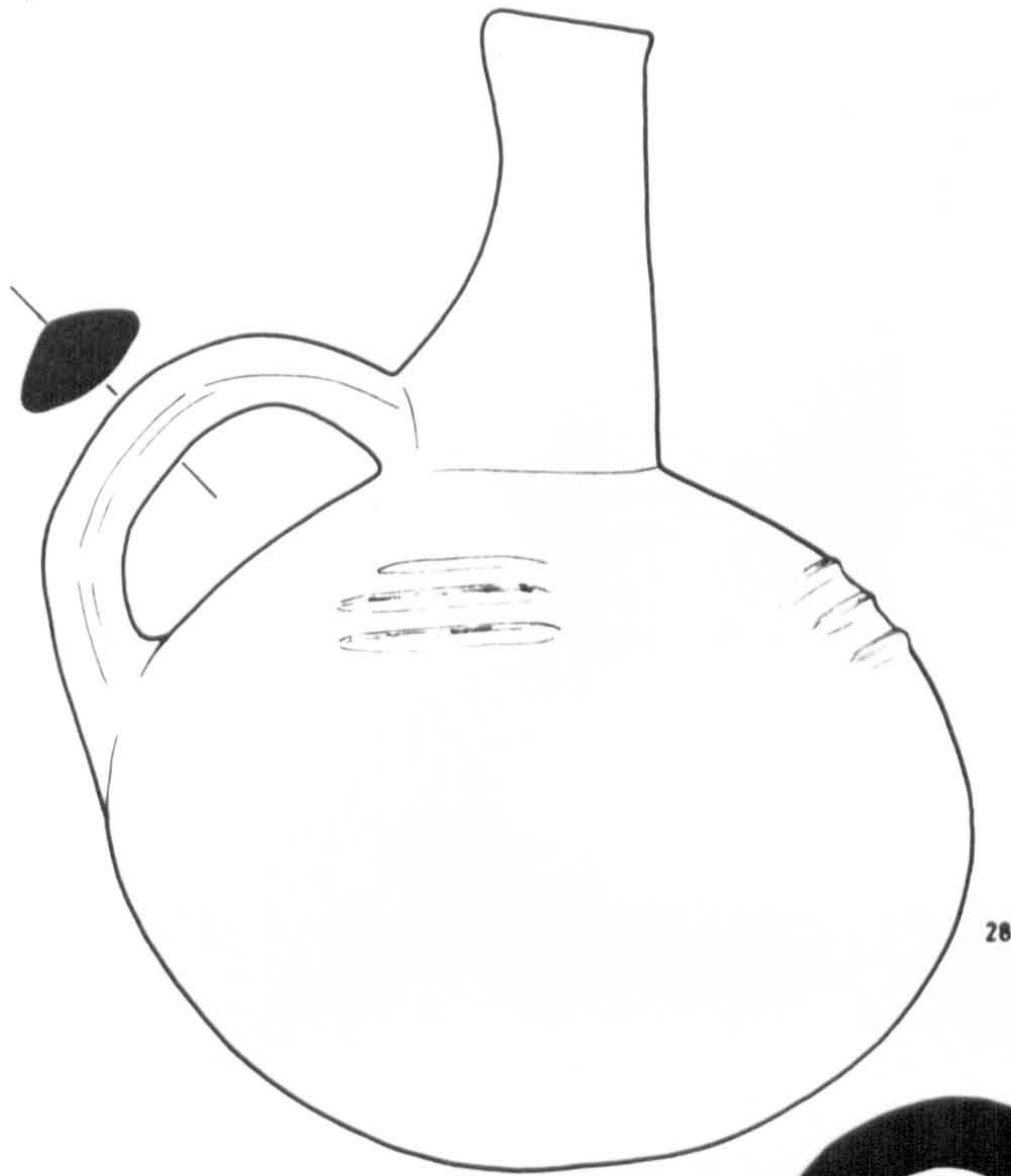
23



FIG. 59

24

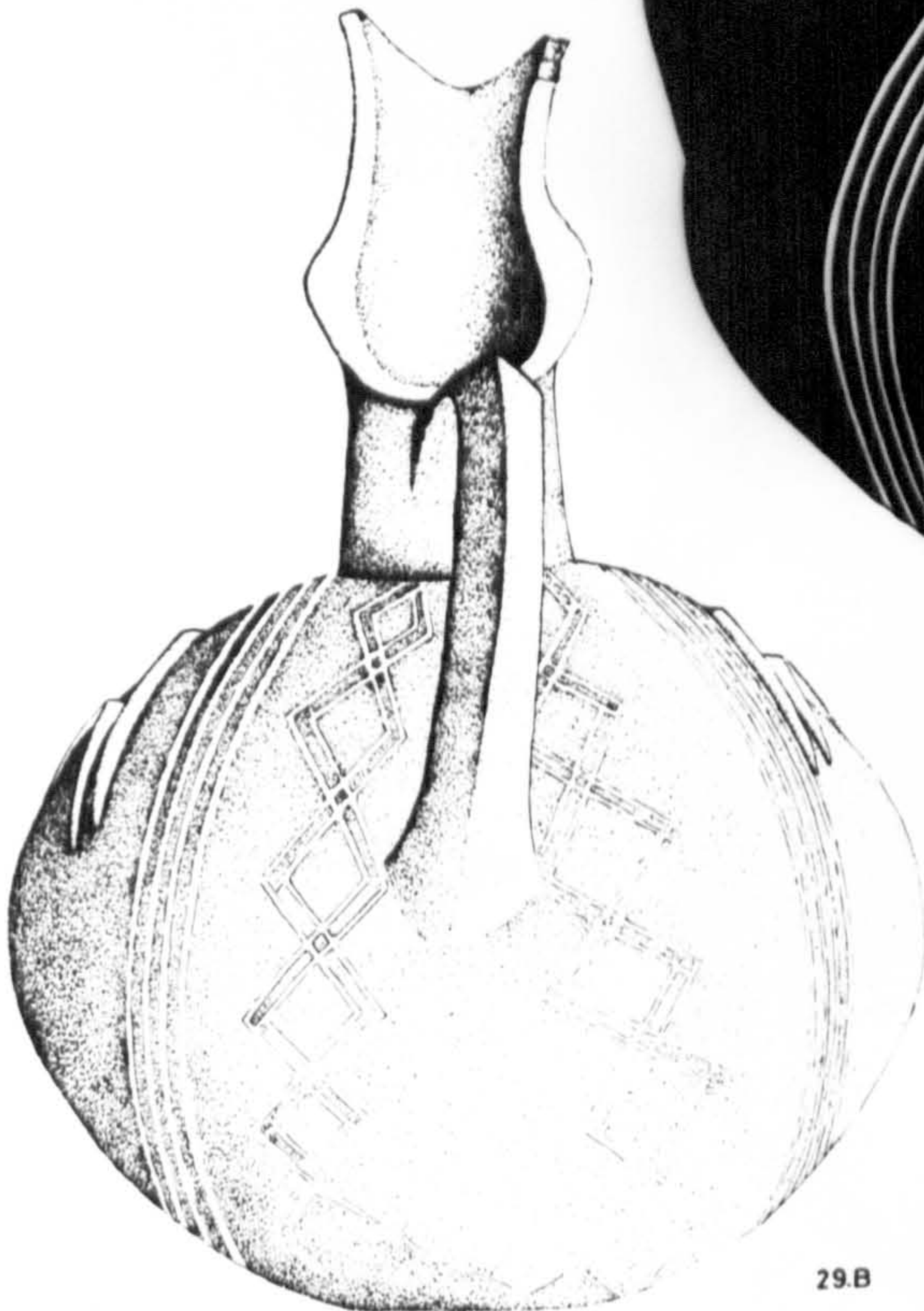




28



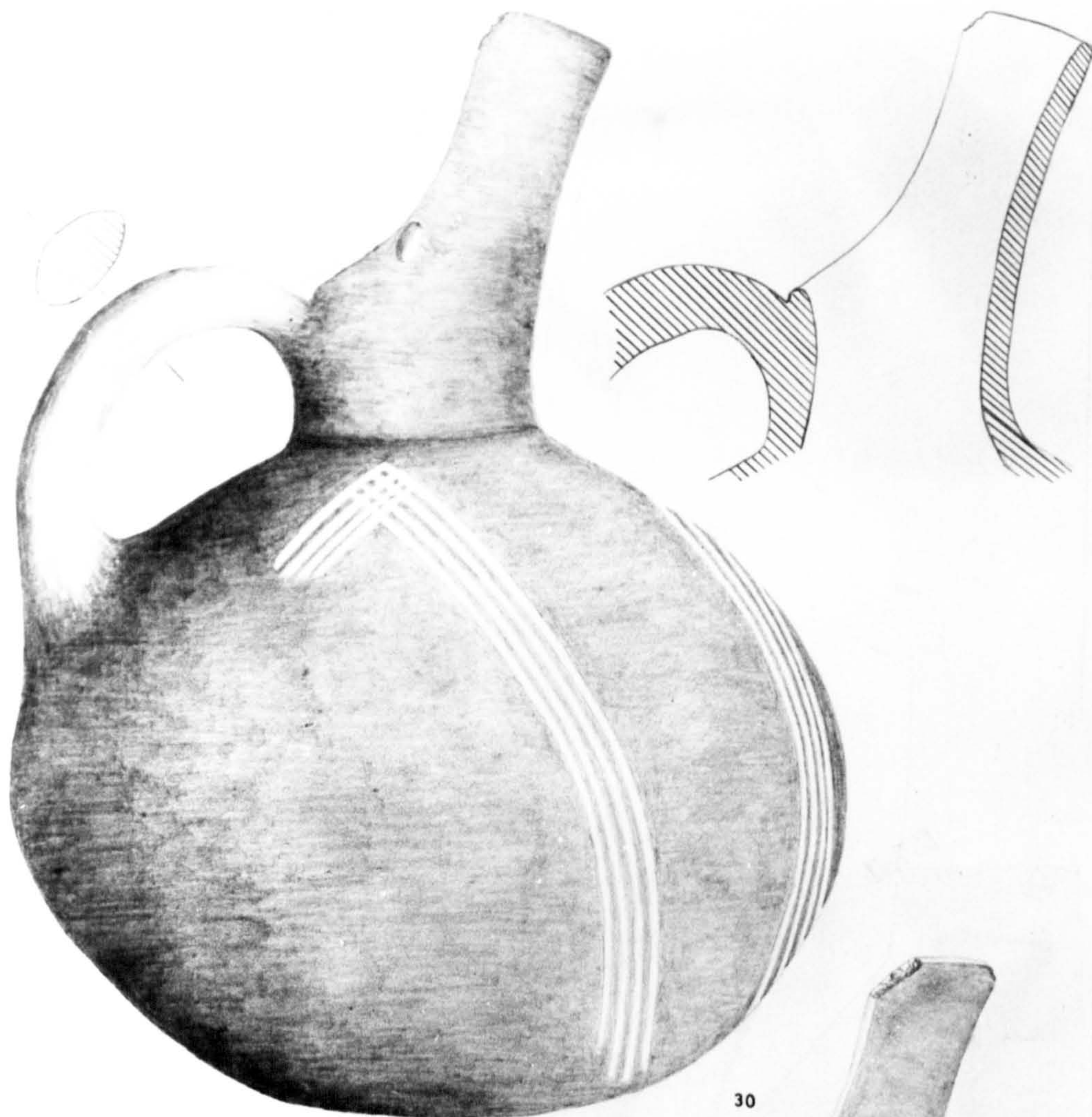
29.A



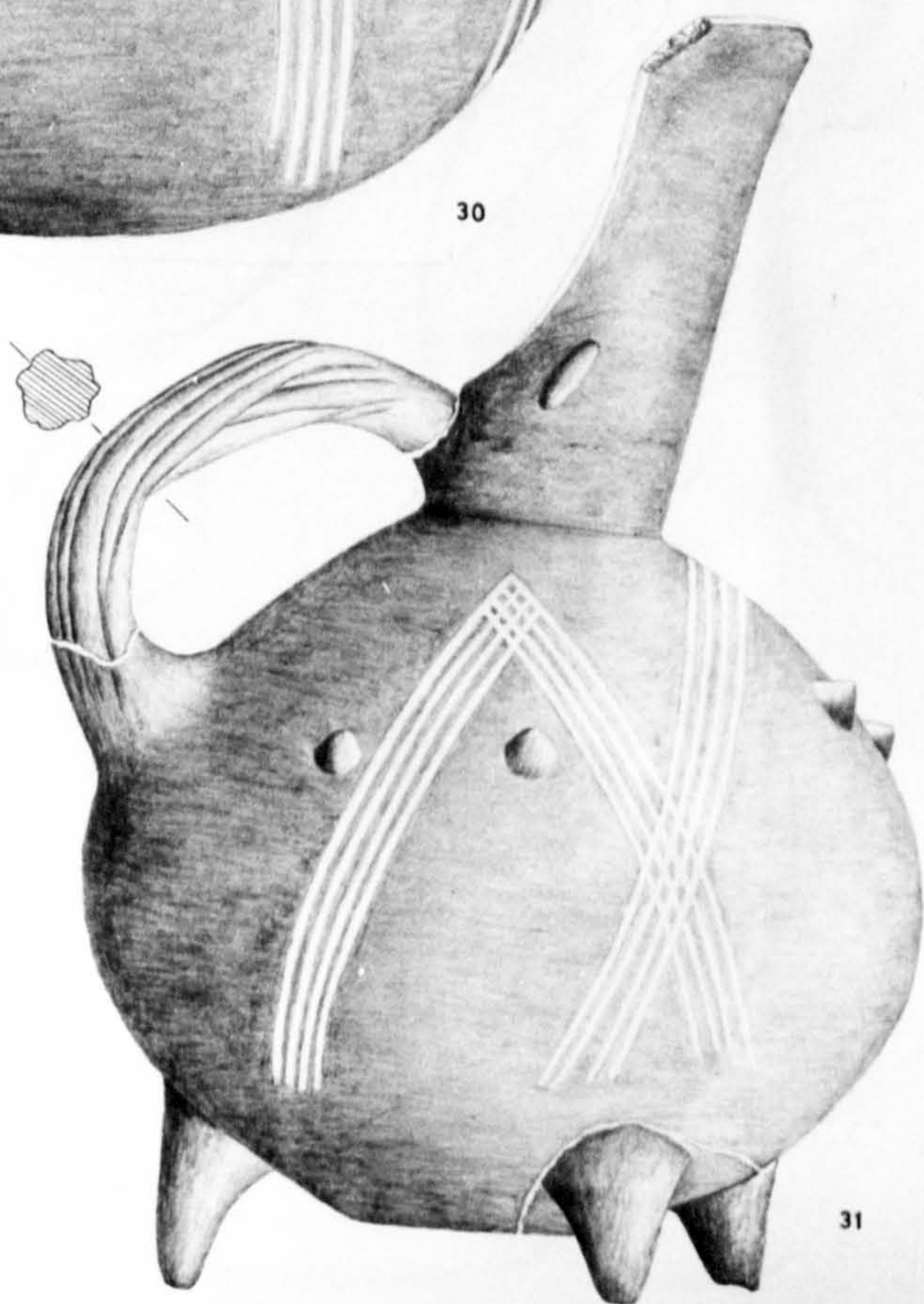
29.B



FIG. 61



30



31

FIG. 62

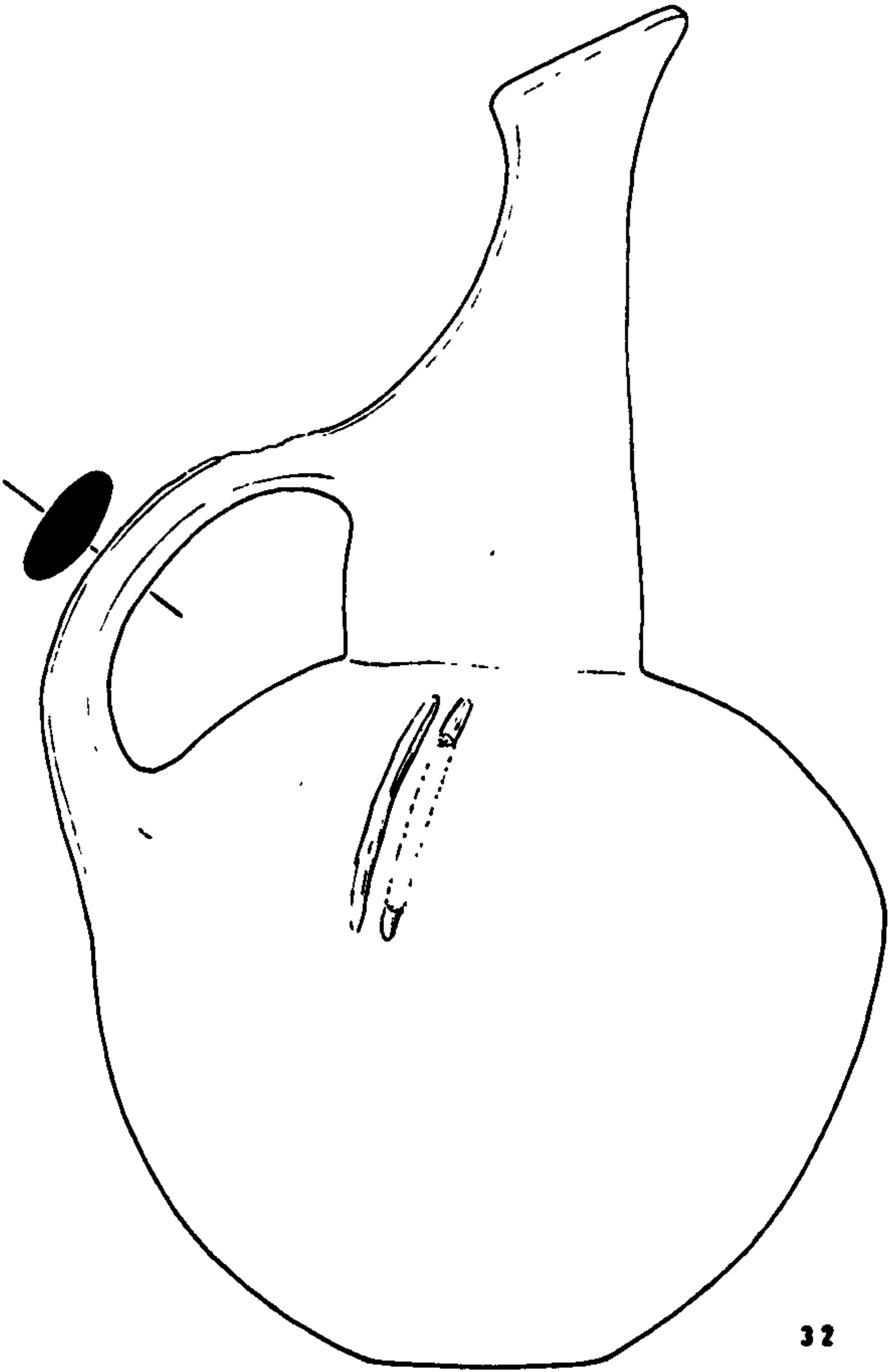


FIG. 63

33



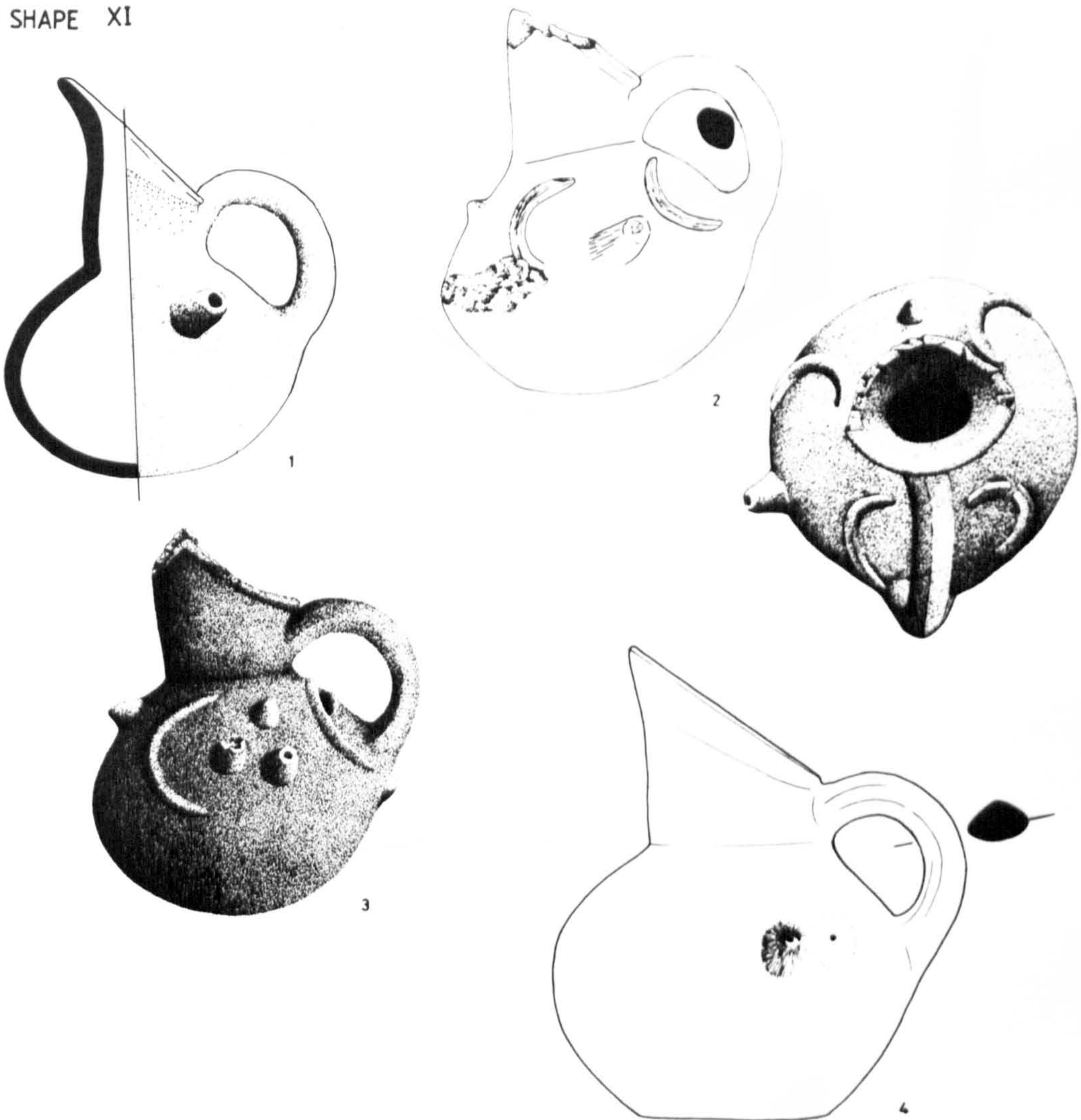
34.A



FIG . 64

34.B

SHAPE XI



RED WARE



FIG. 65



SHAPE XII

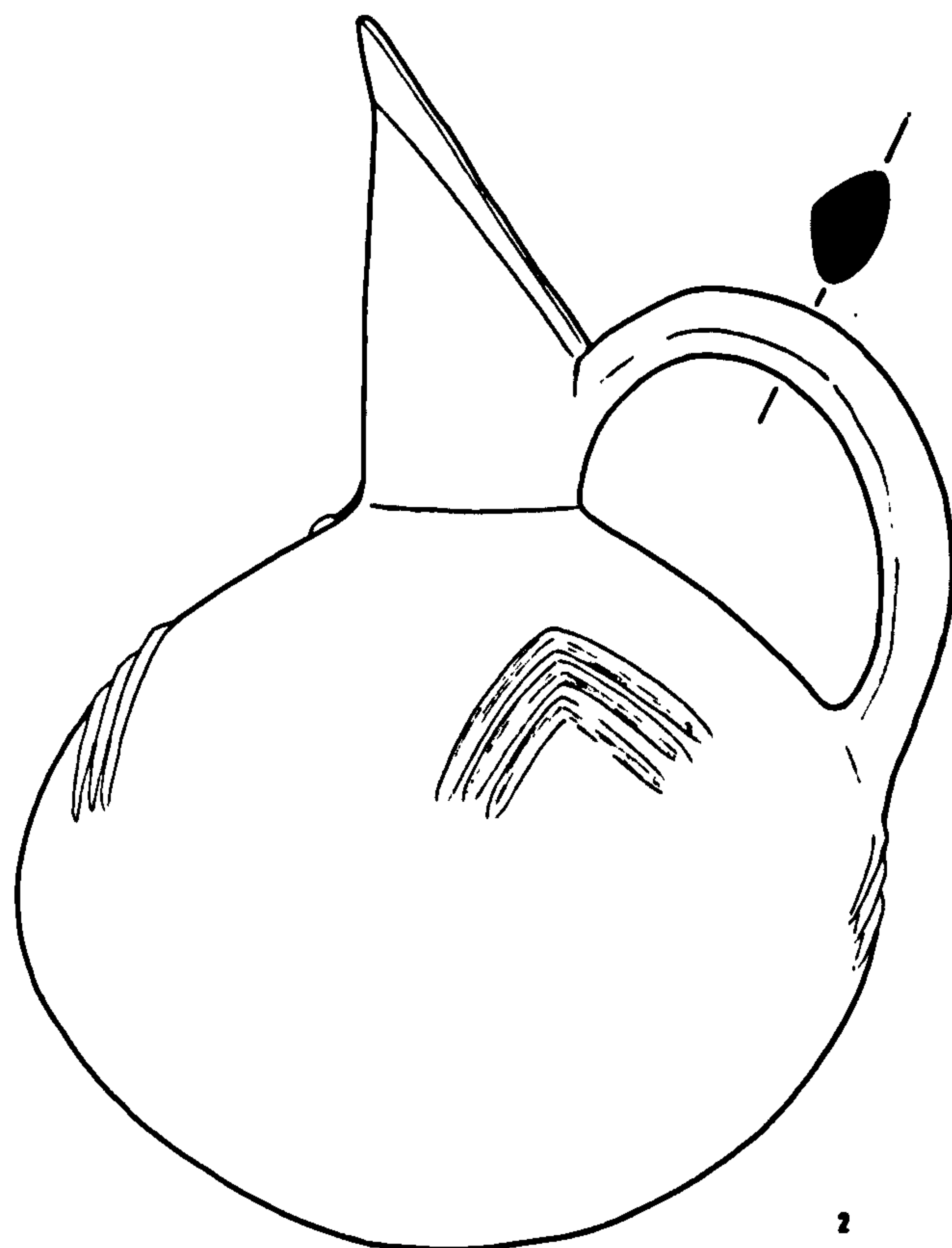
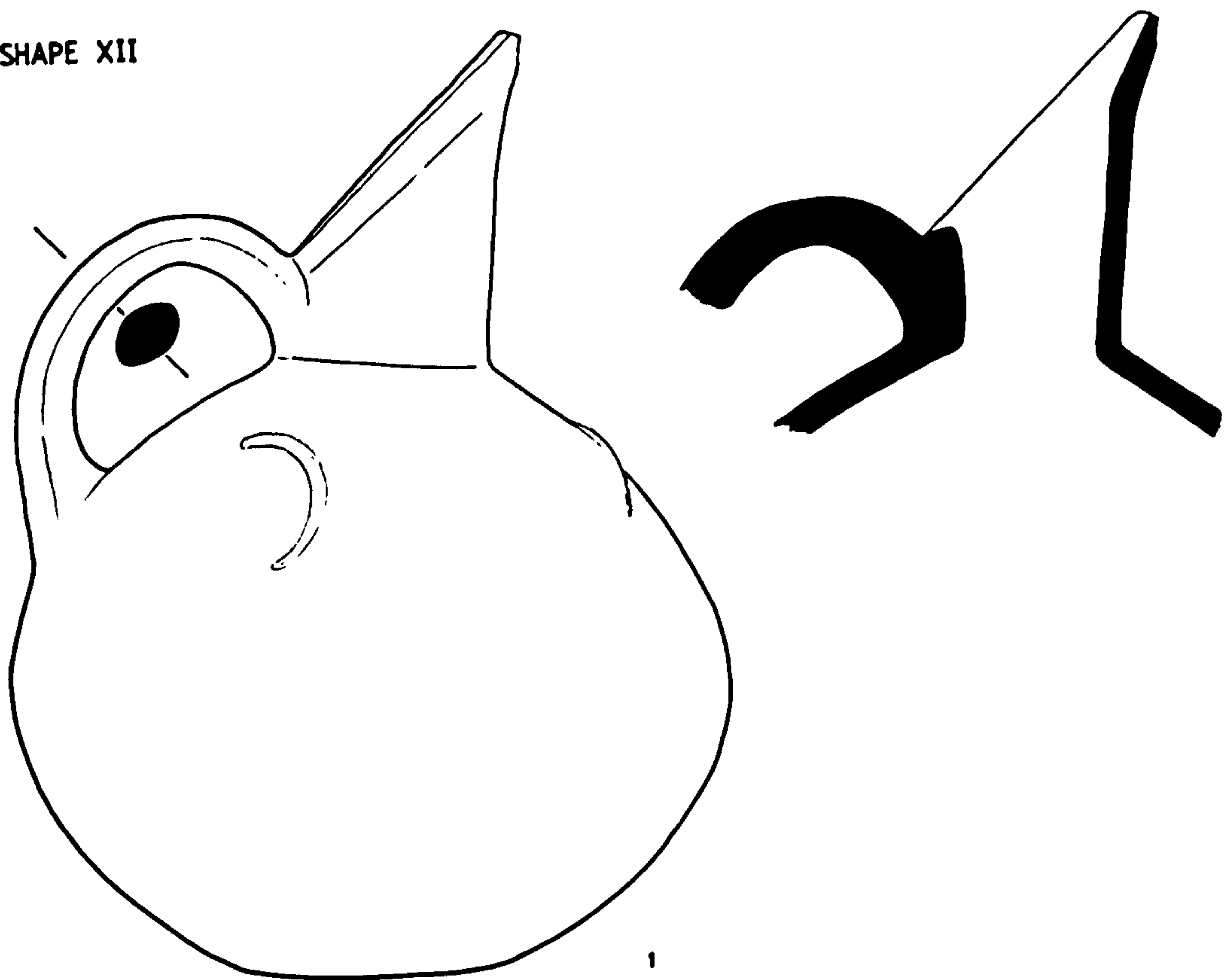


FIG. 66



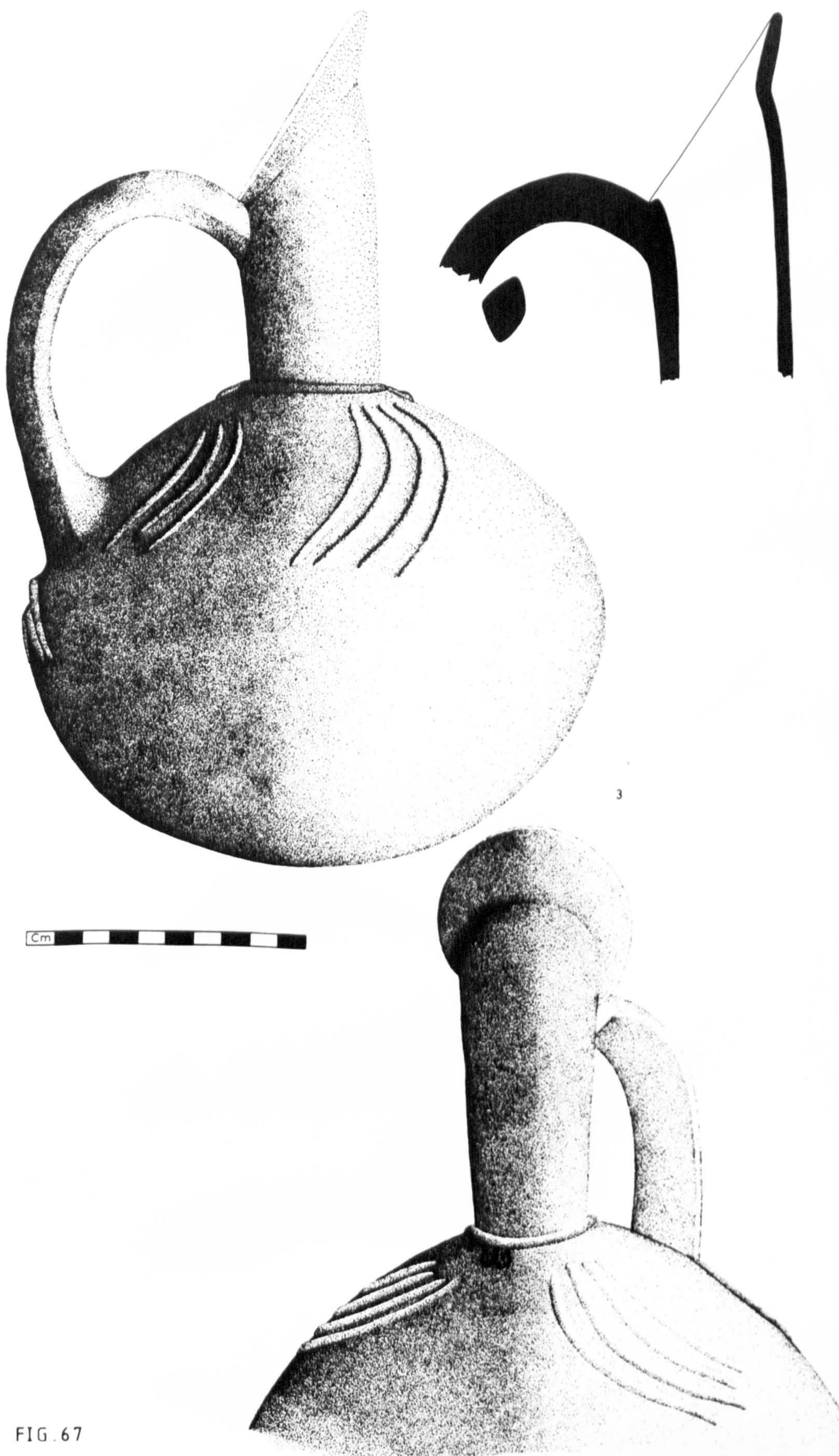


FIG. 67

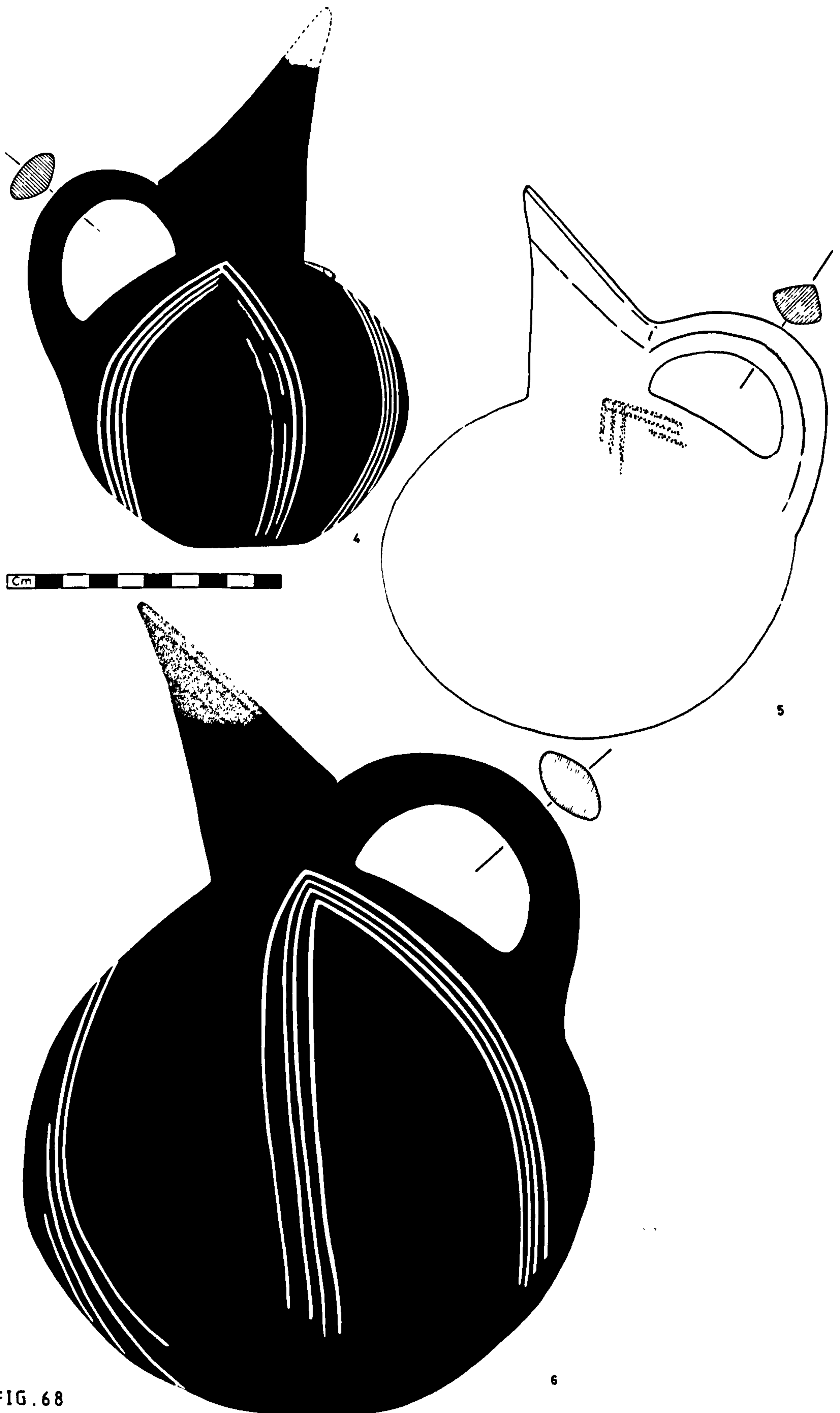


FIG. 68

RED WARE

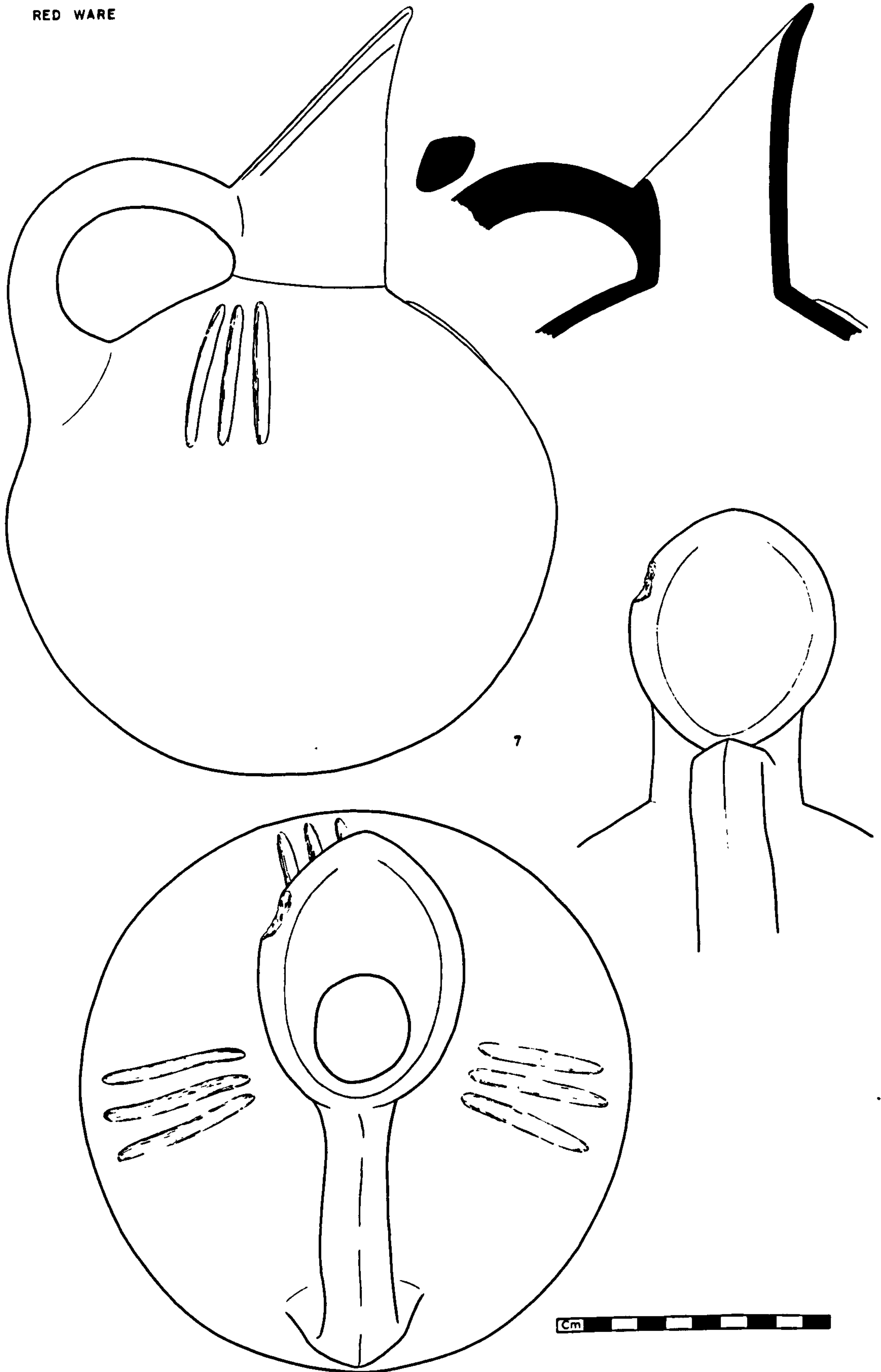


FIG. 69

SHAPE XIII

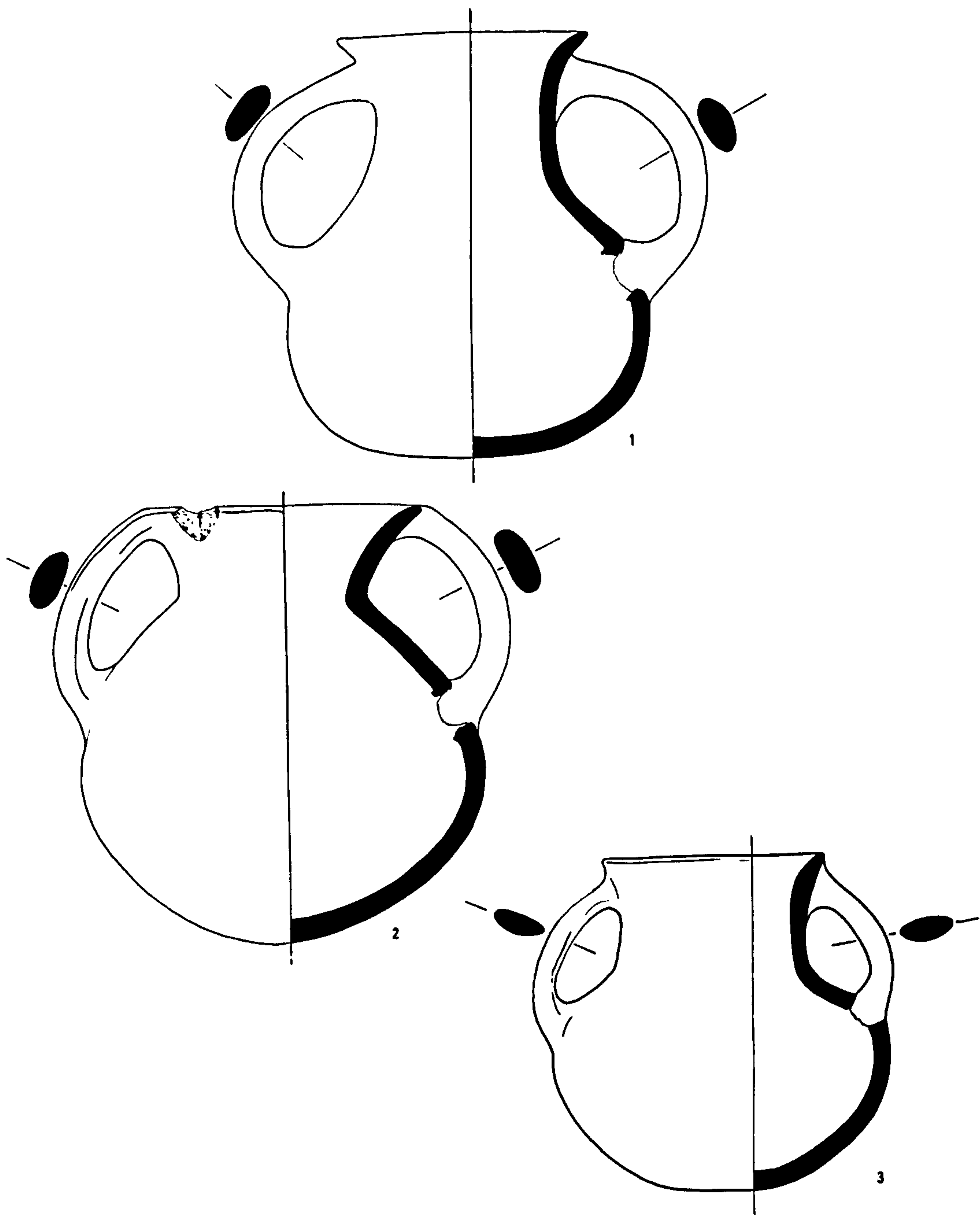


FIG. 70

SHAPE XIV

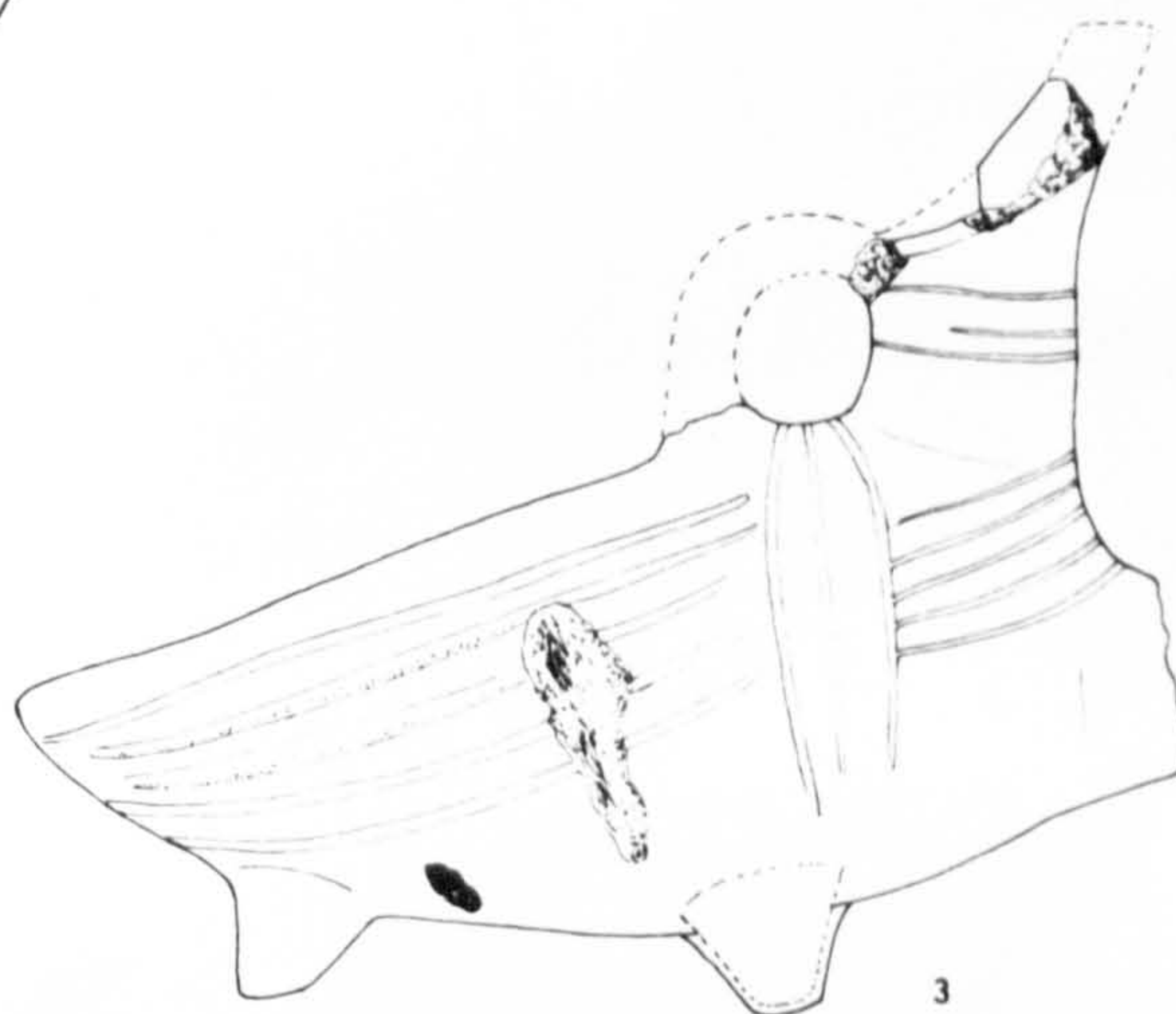
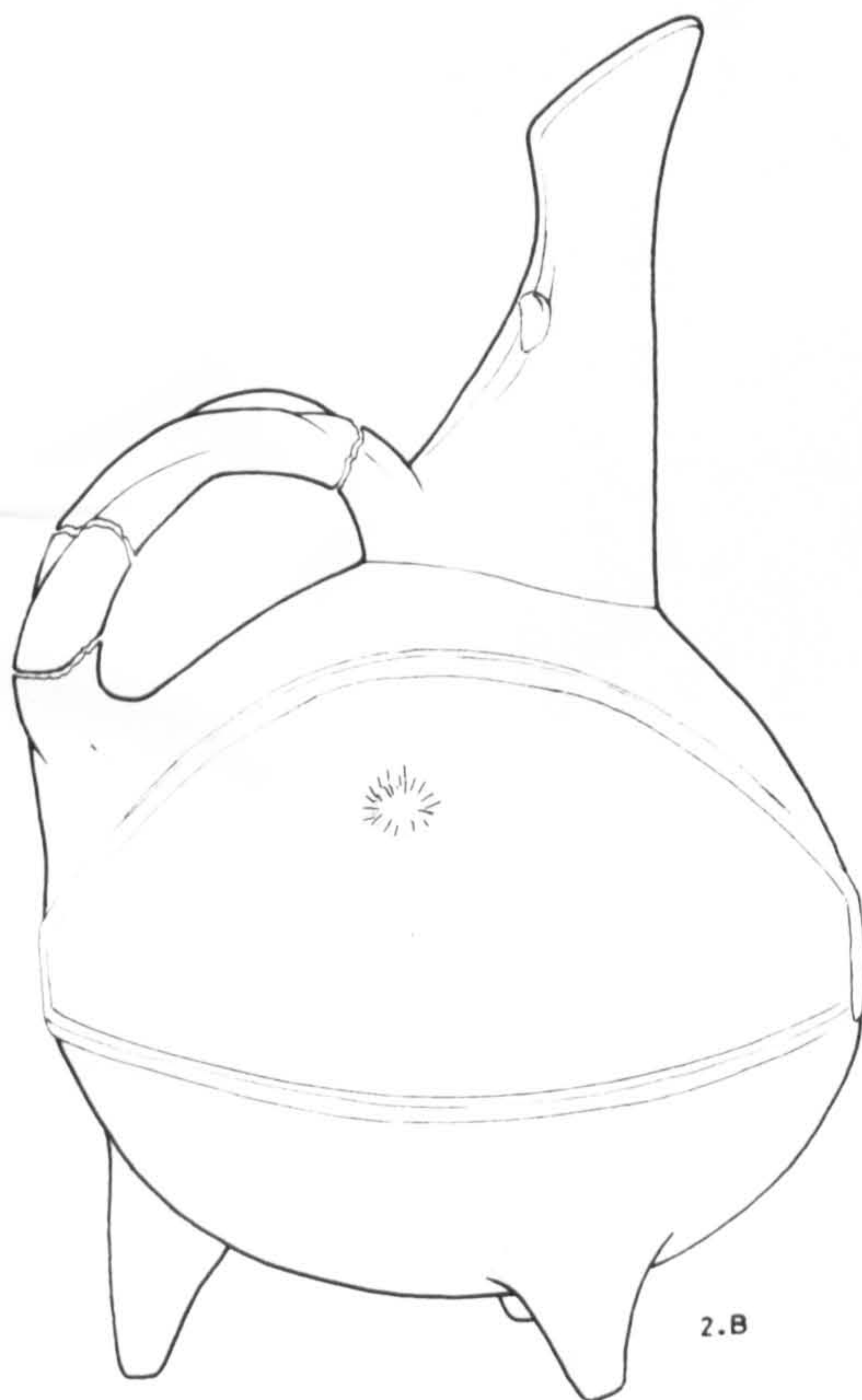
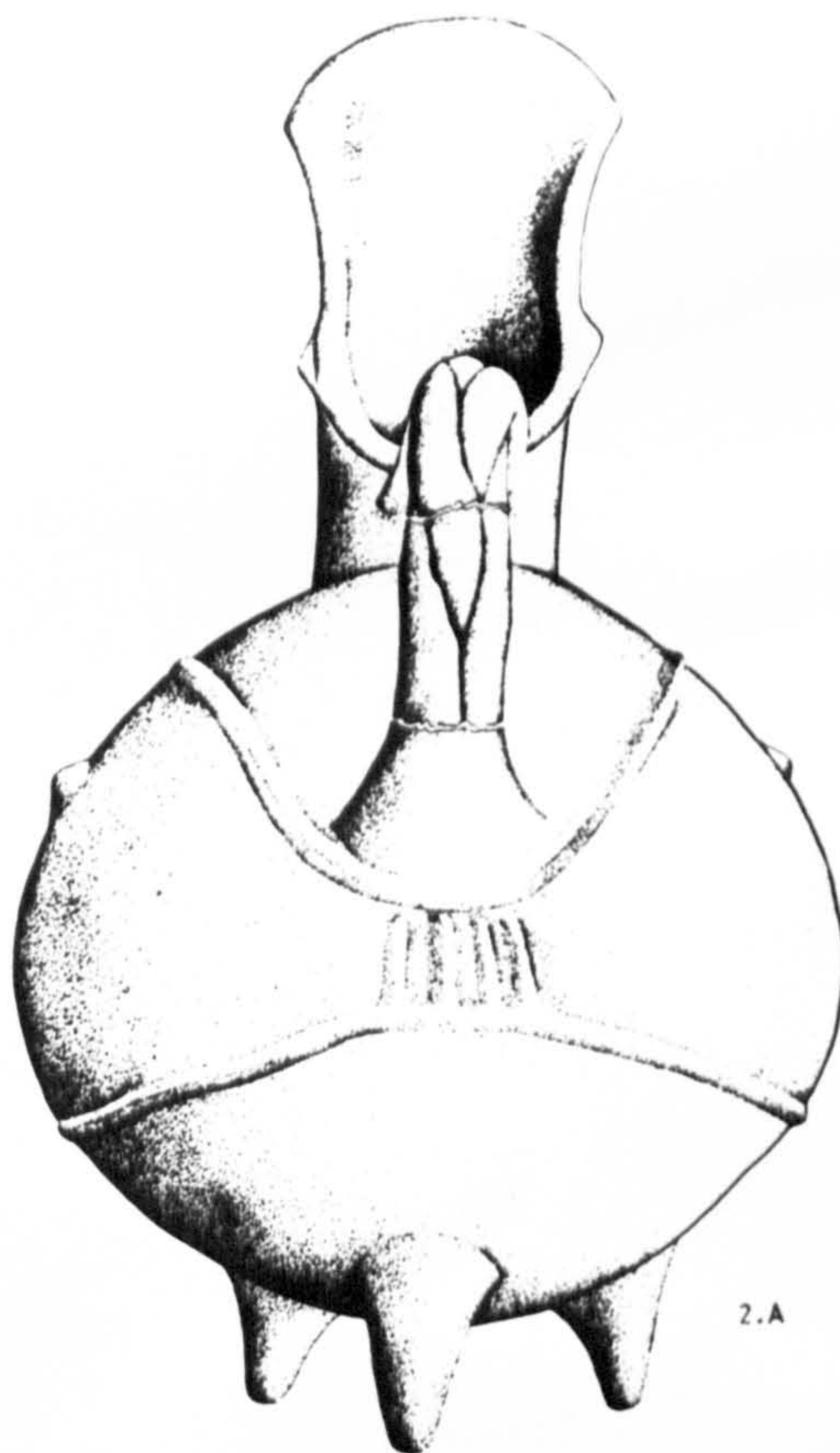


FIG . 71

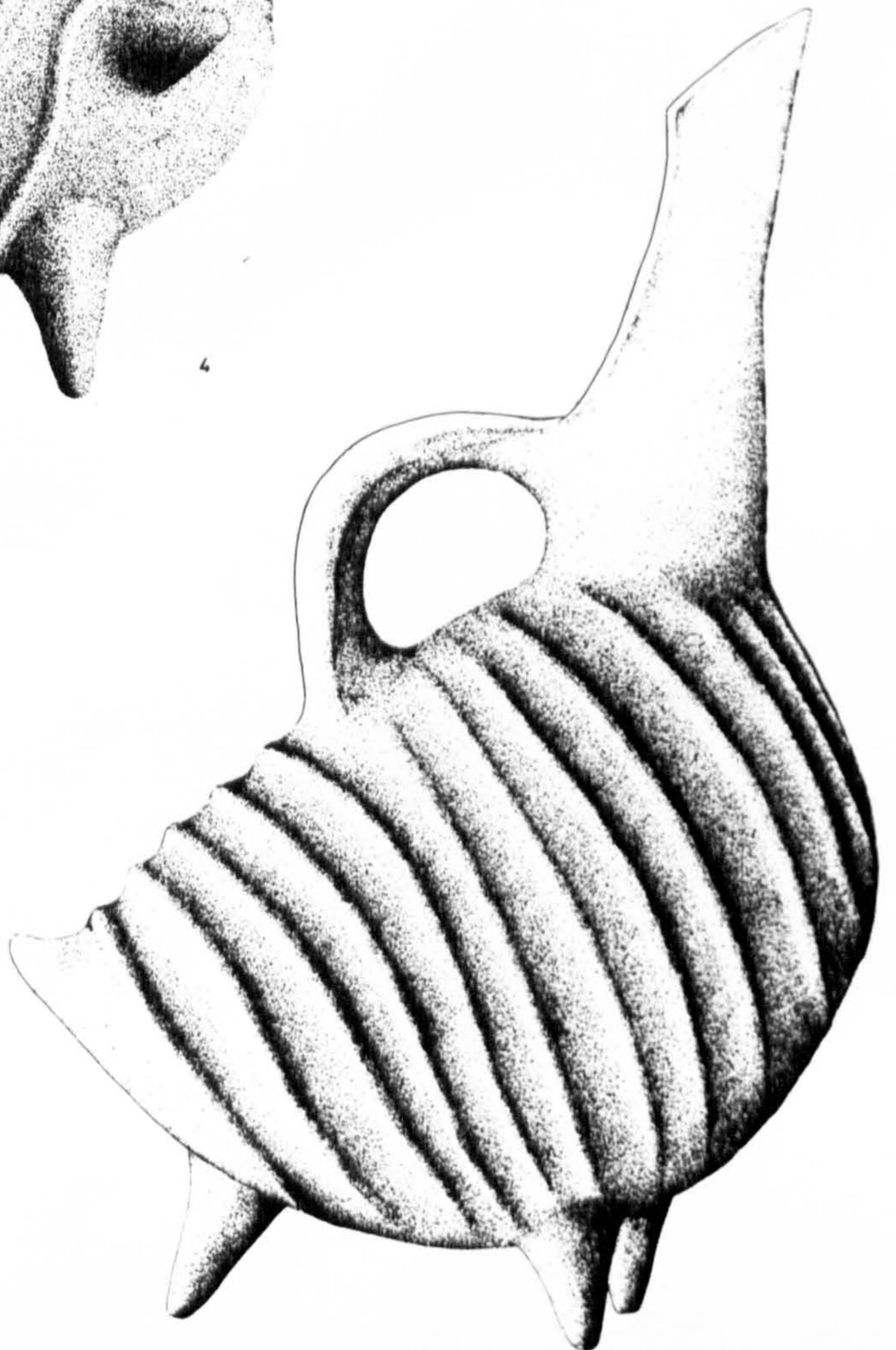


FIG . 72

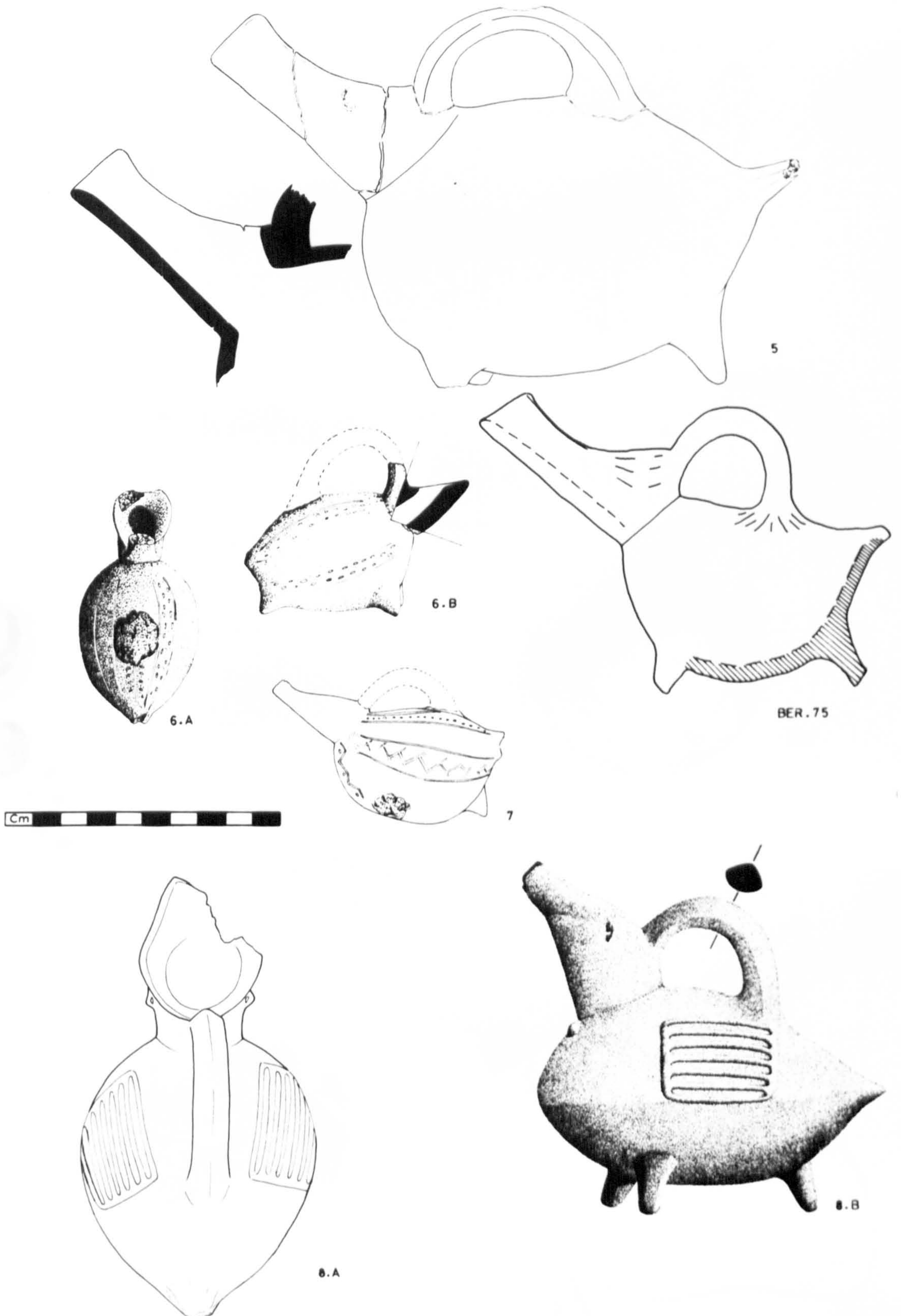
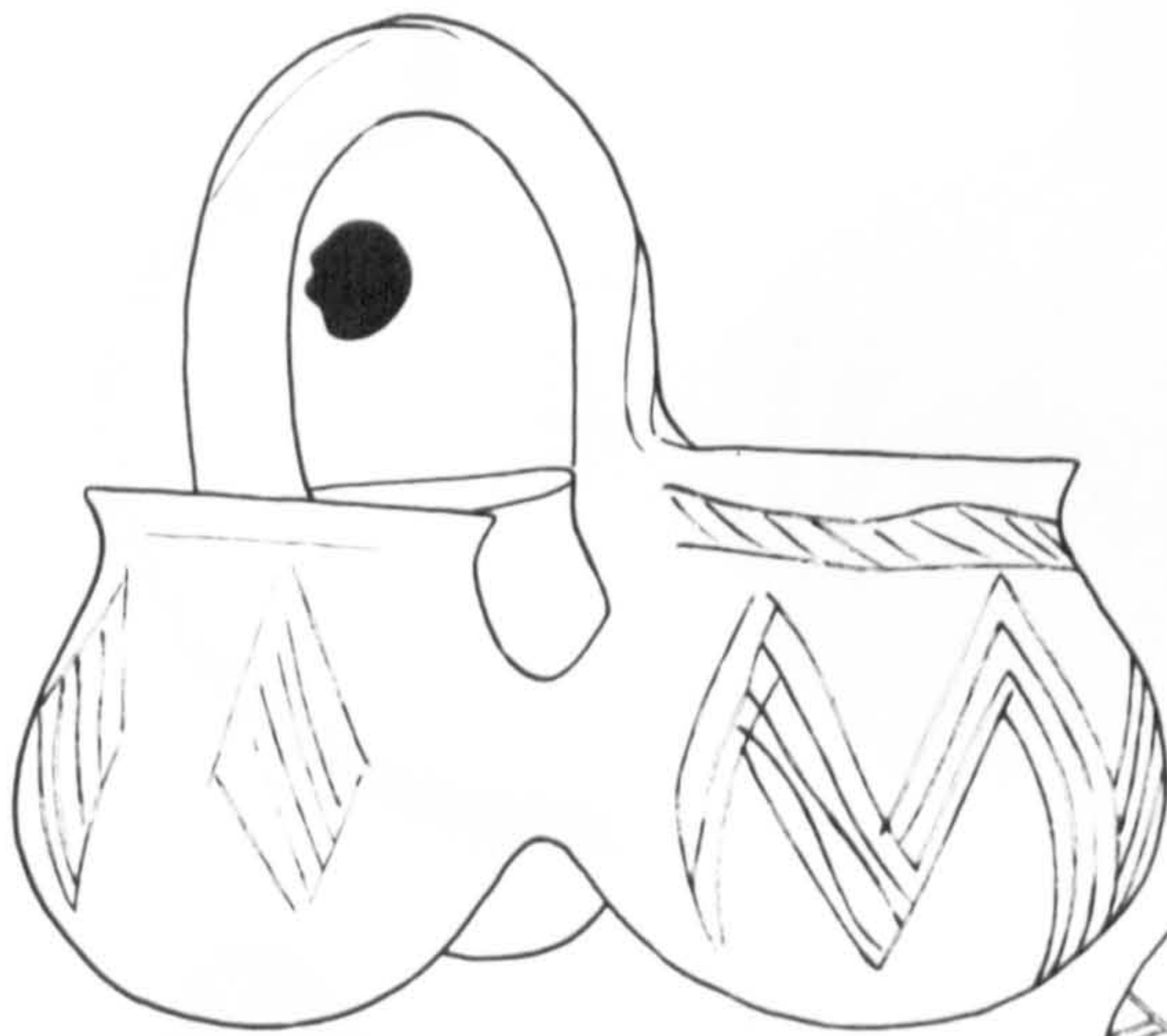
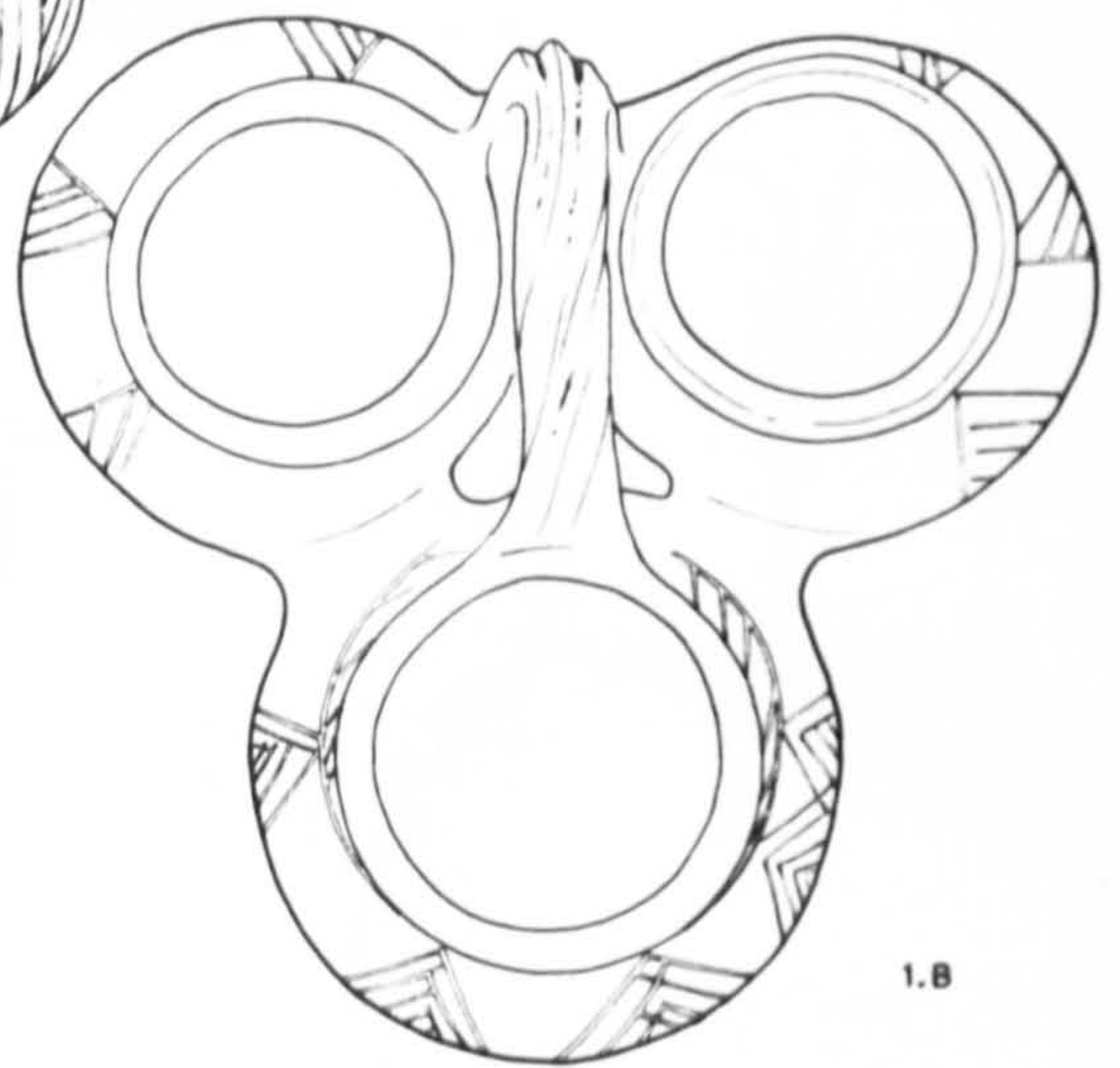


FIG. 73

SHAPE XV



1.A



1.B

SHAPE XVI



1



2



FIG. 74

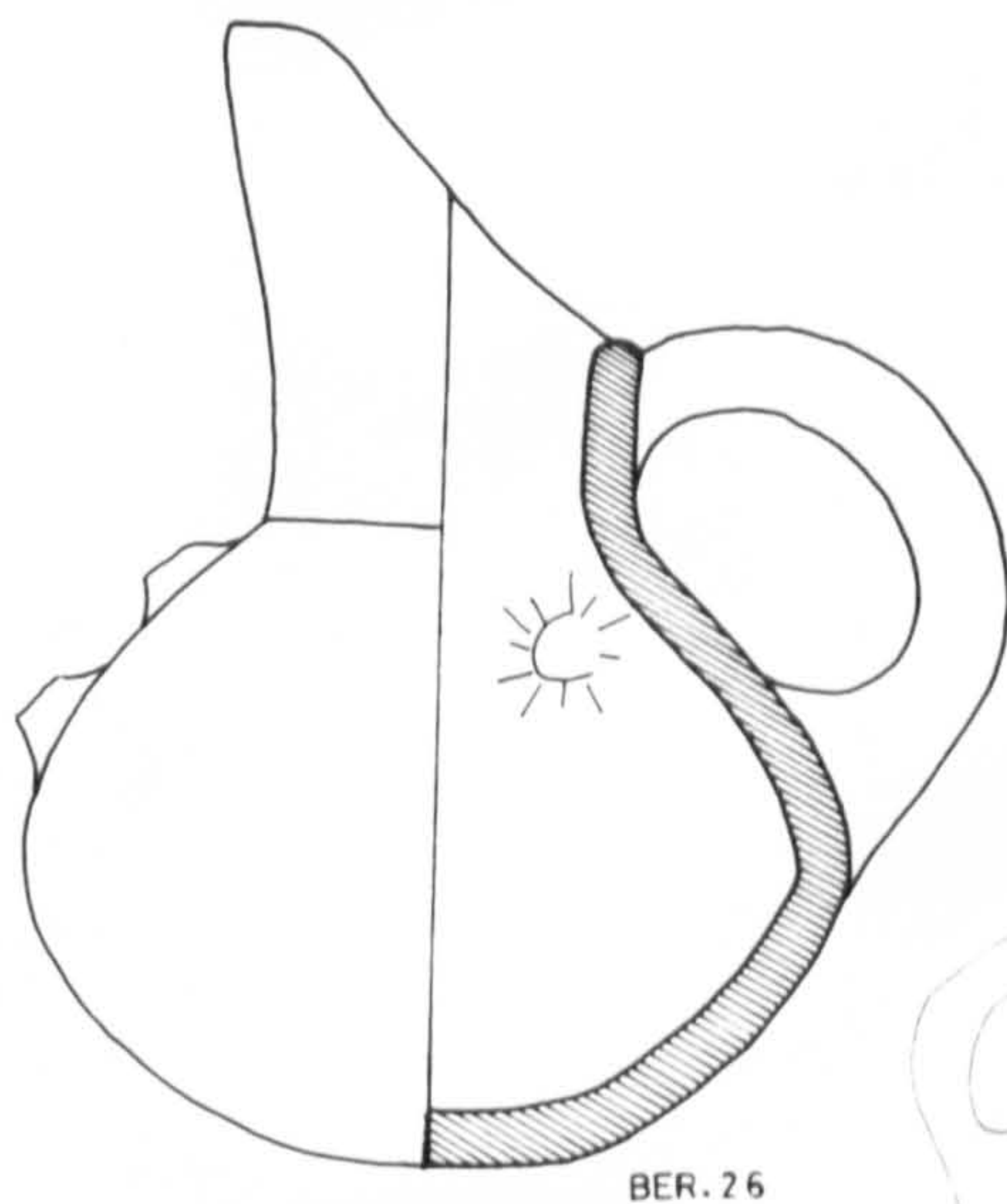
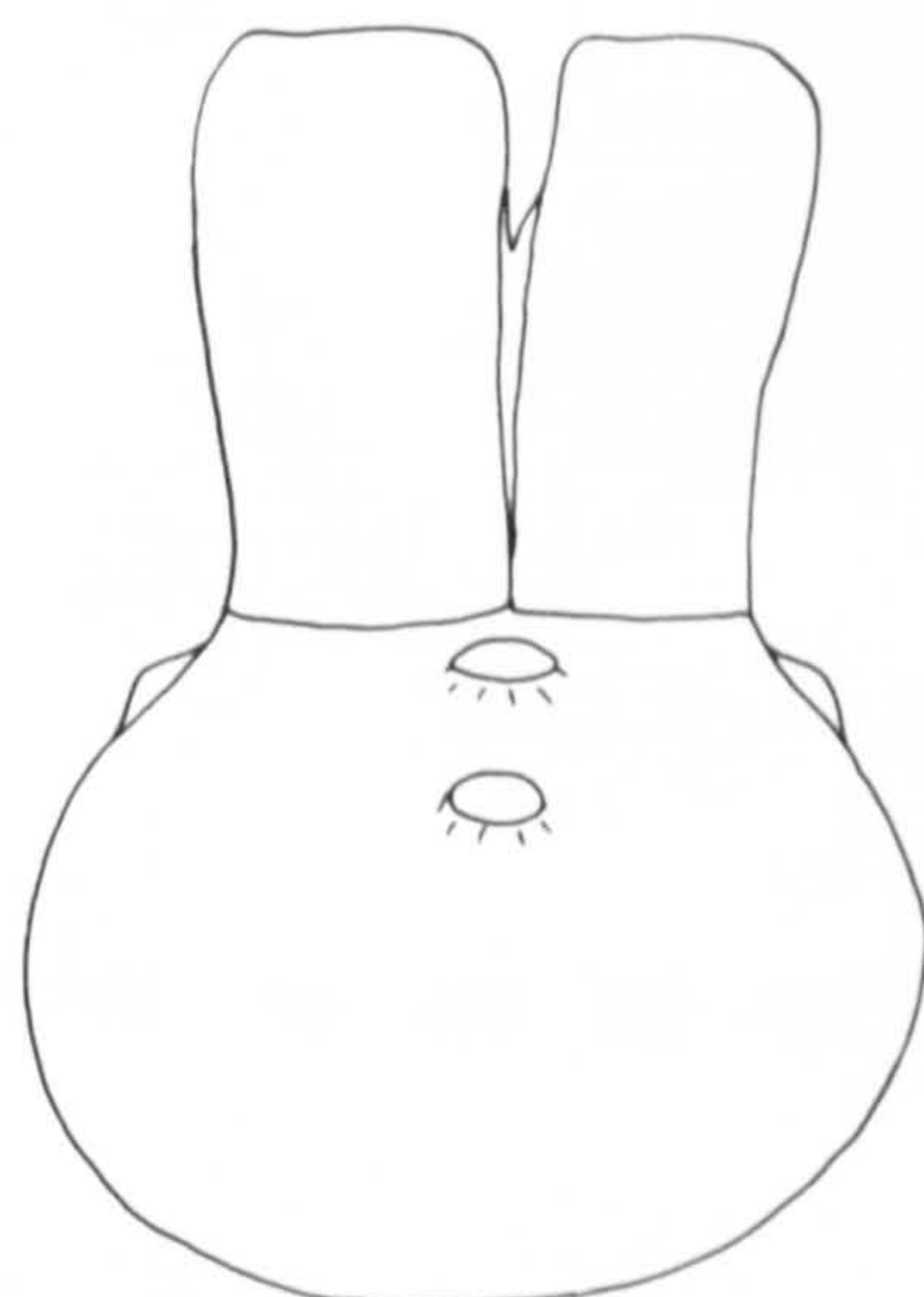


FIG. 75

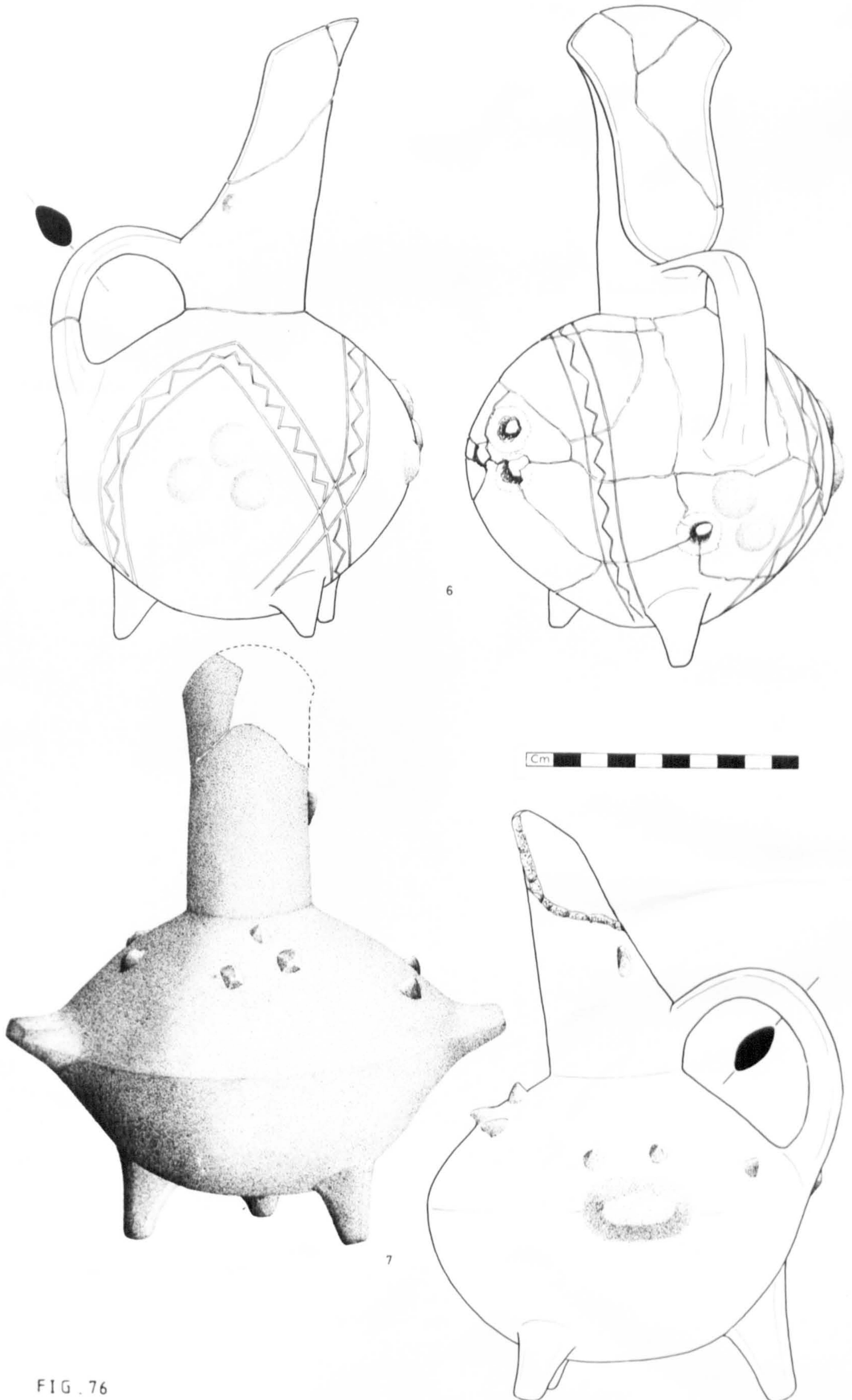


FIG. 76

CLASS B

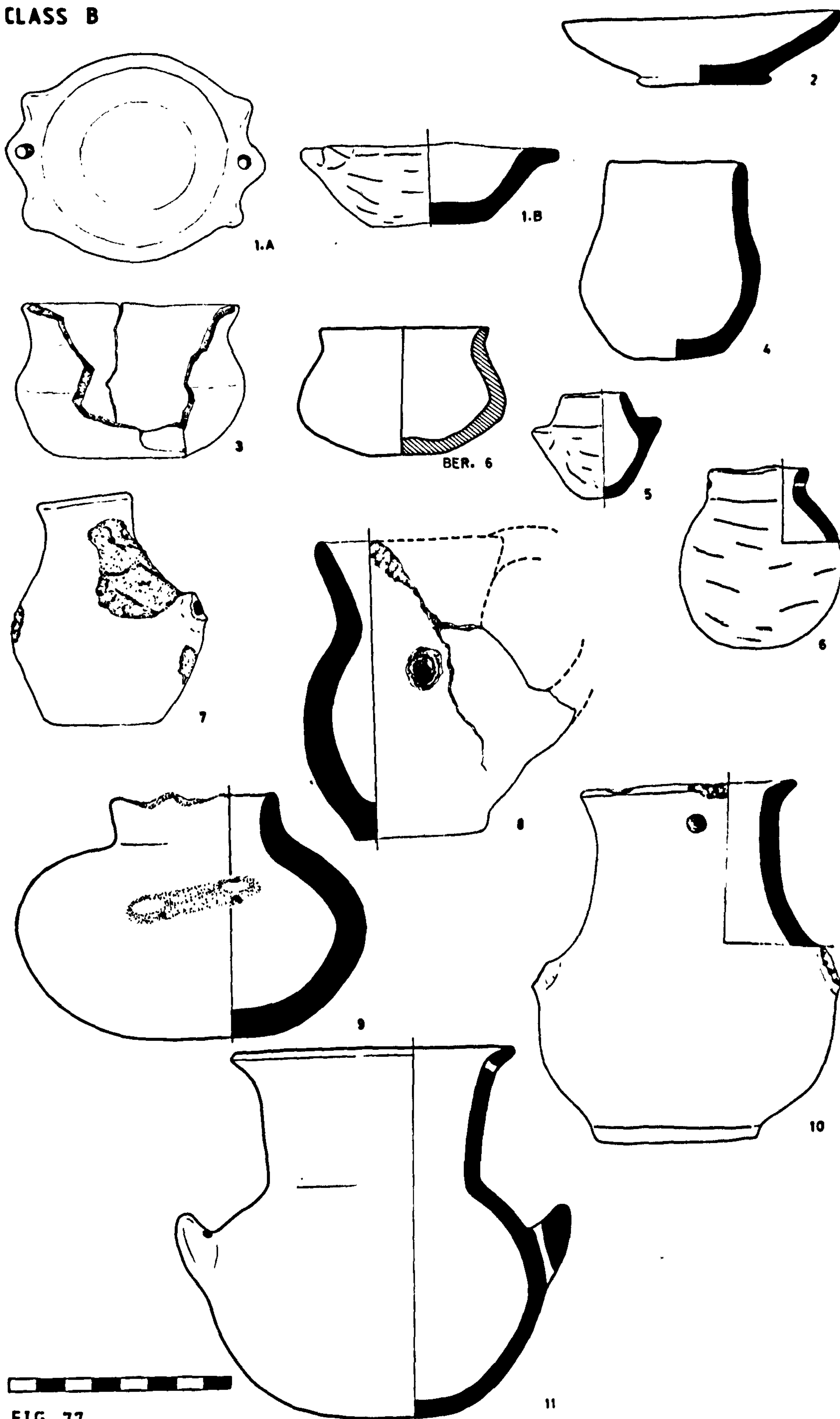


FIG. 77

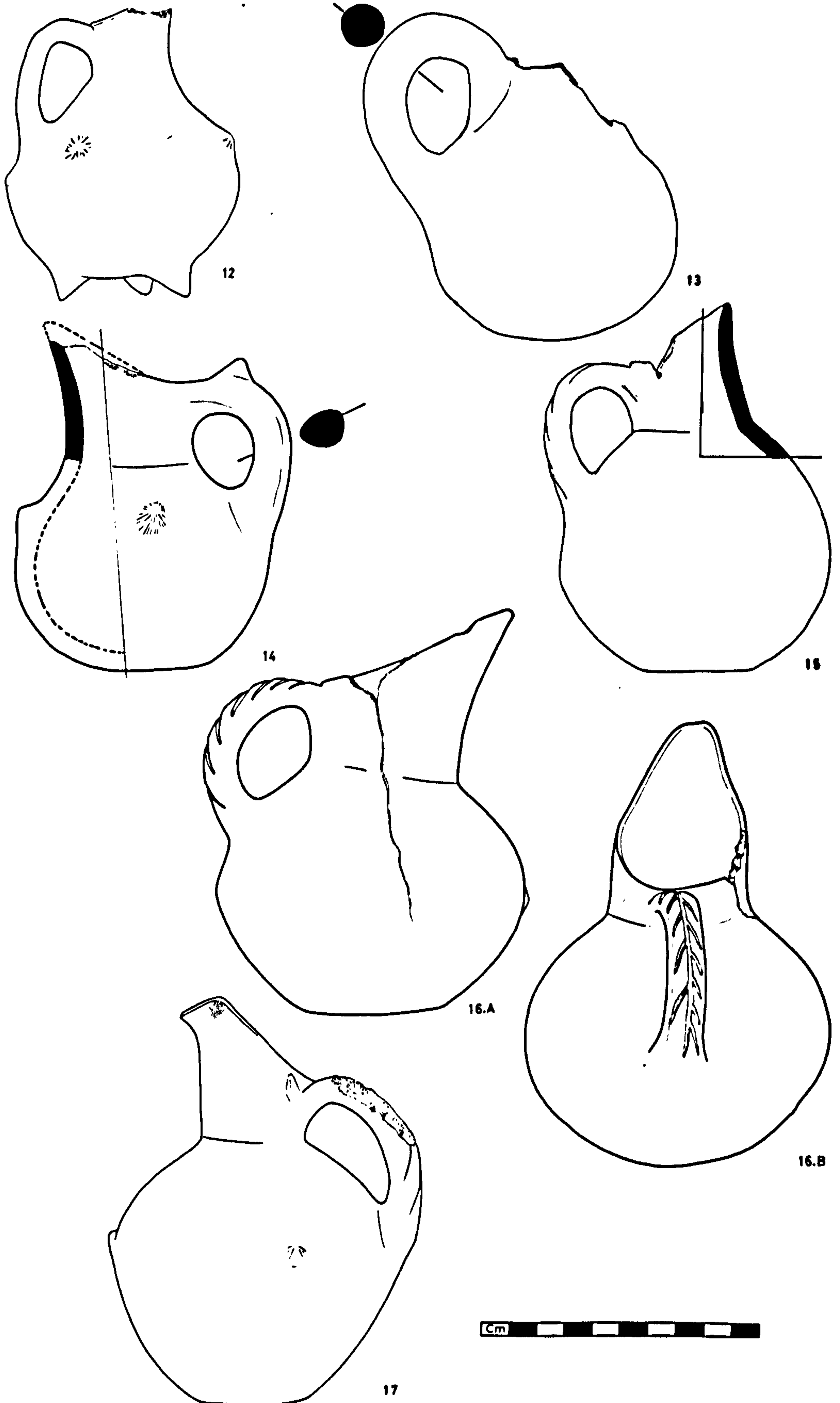
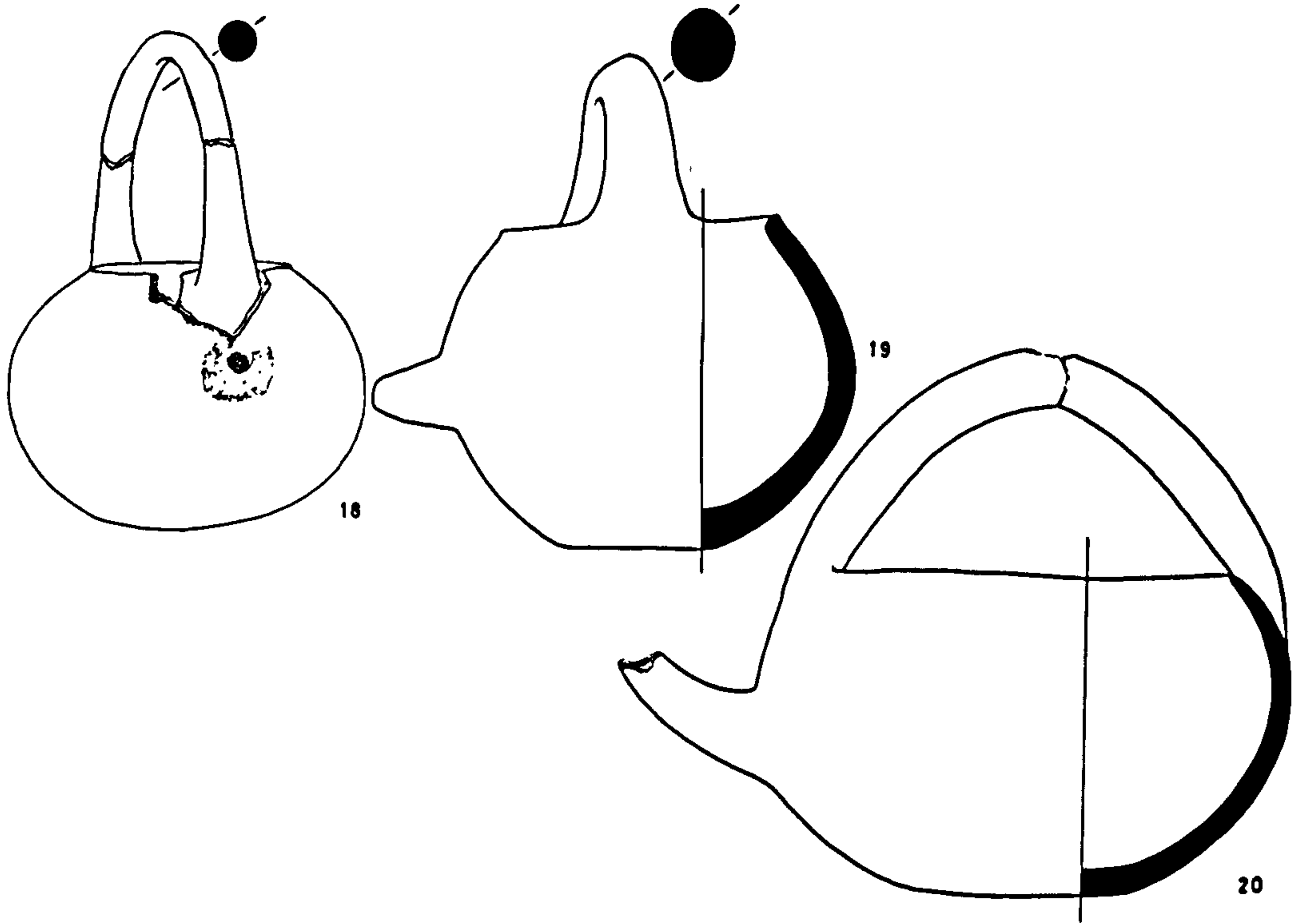


FIG. 78



CLASS C

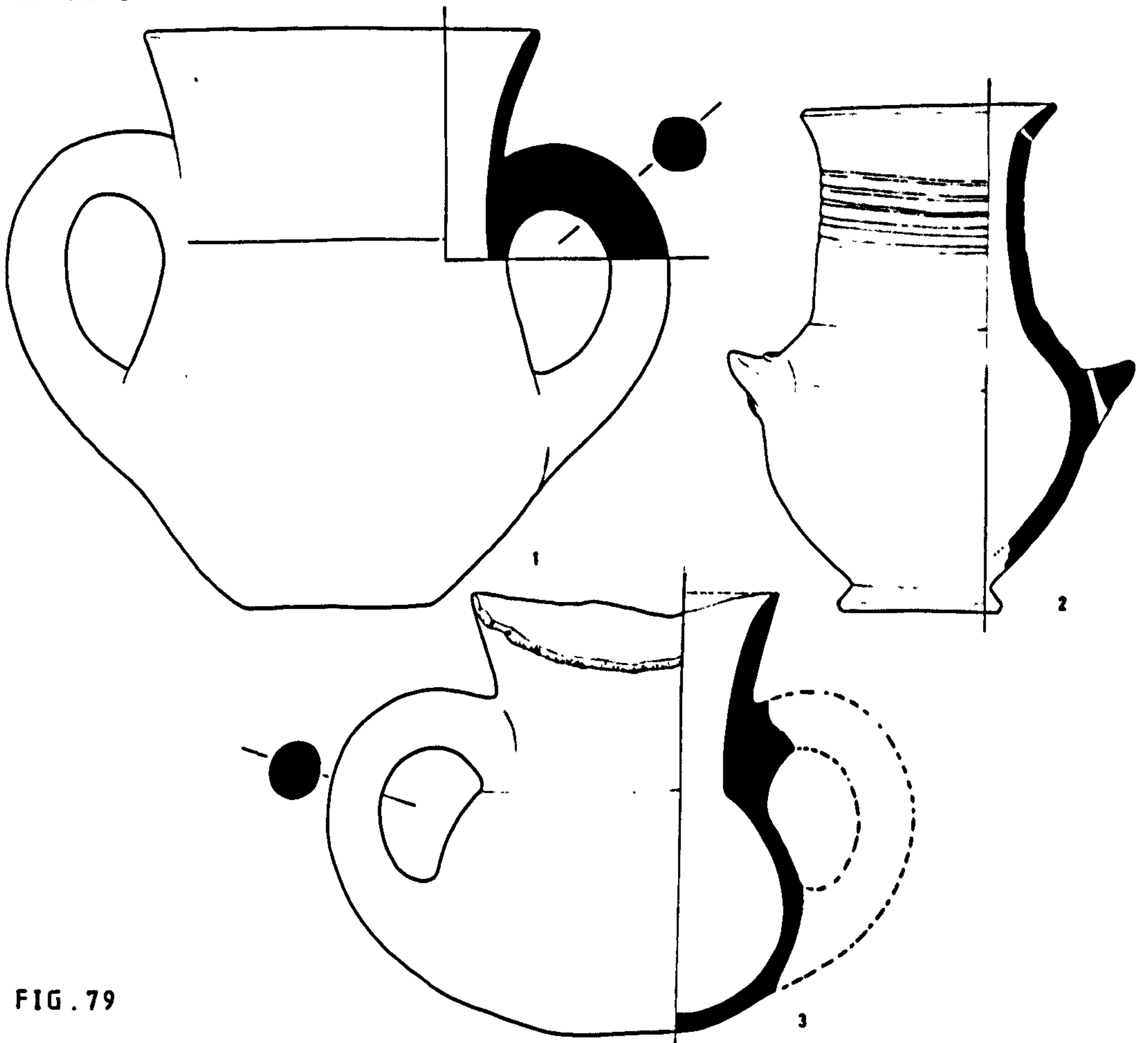


FIG. 79

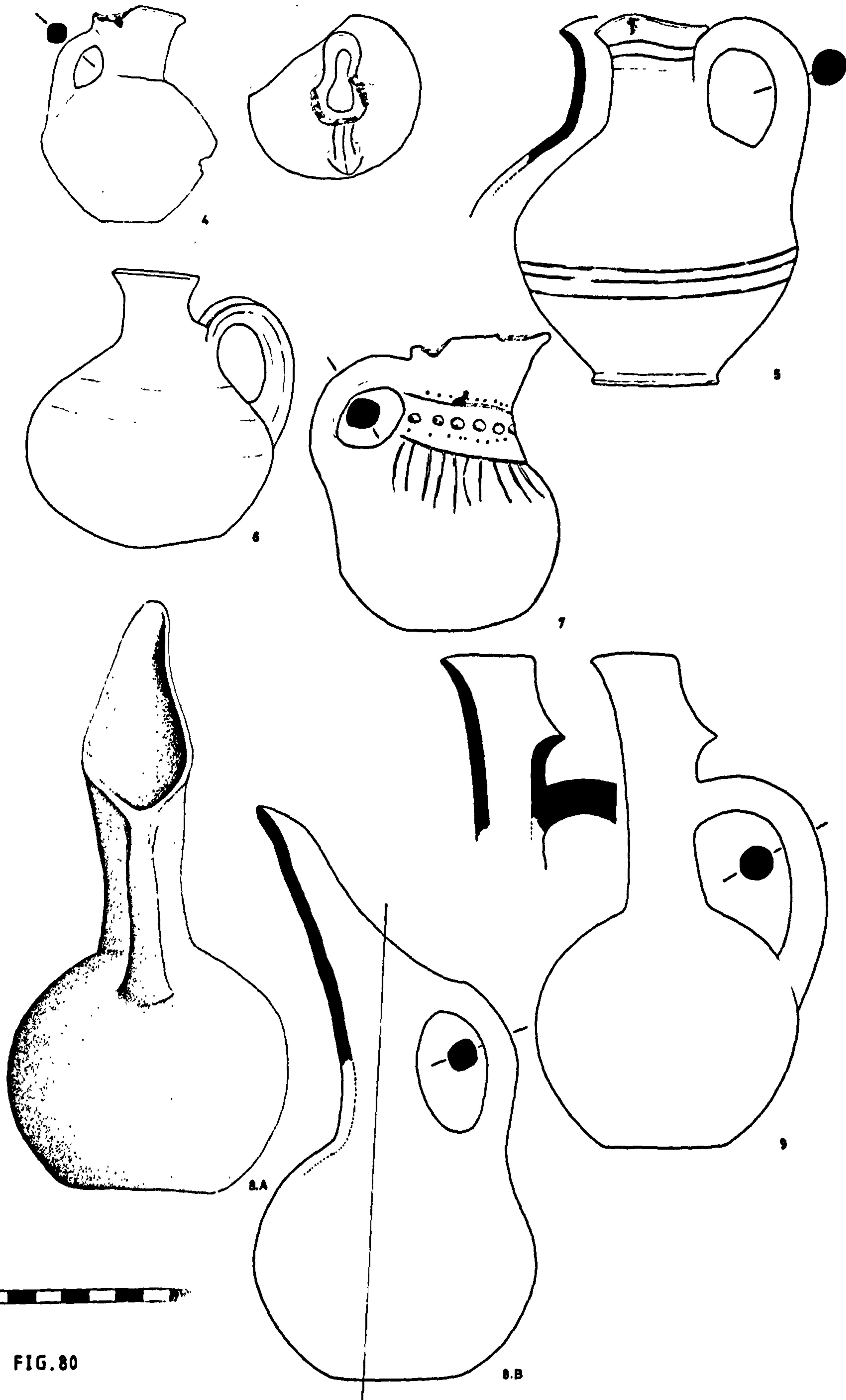


FIG. 80

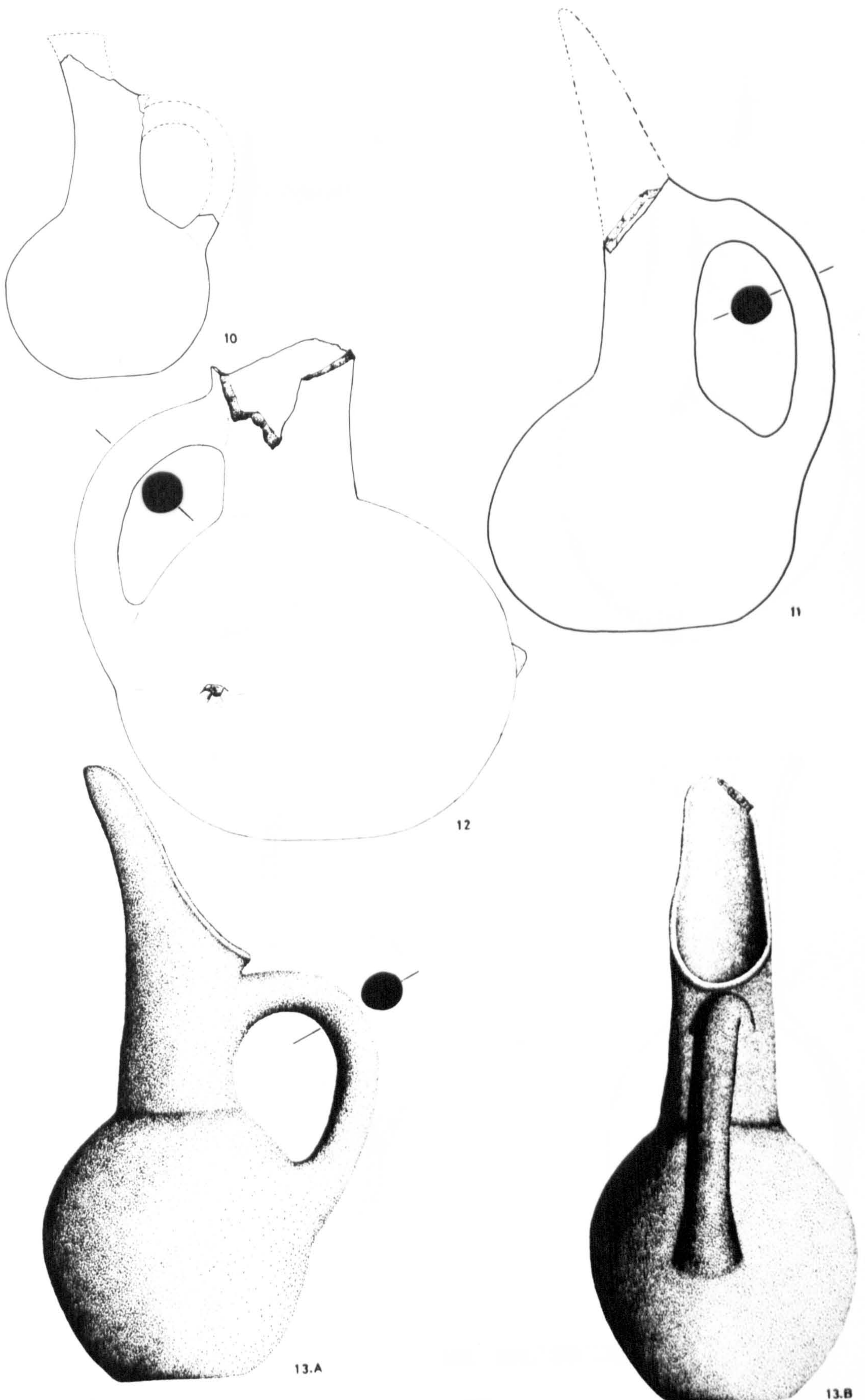
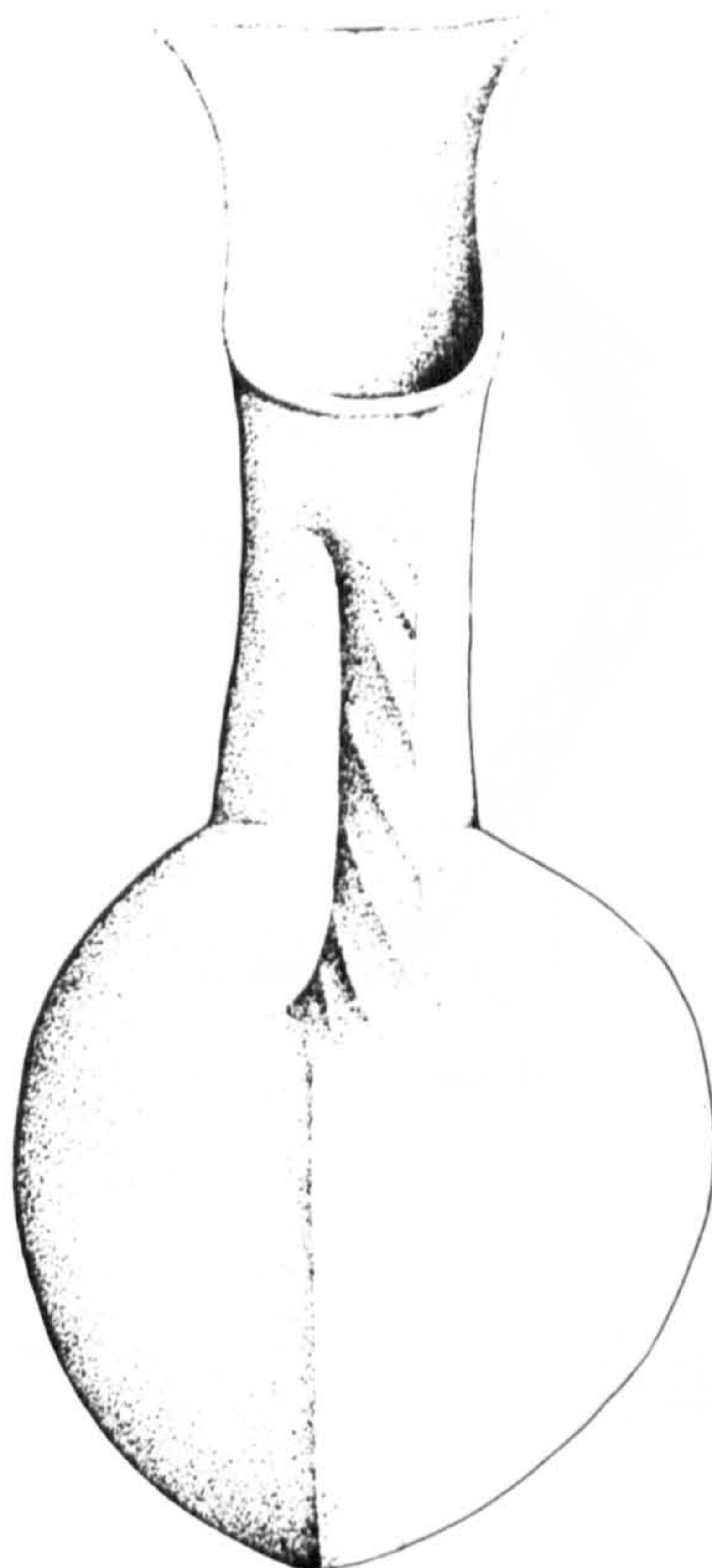
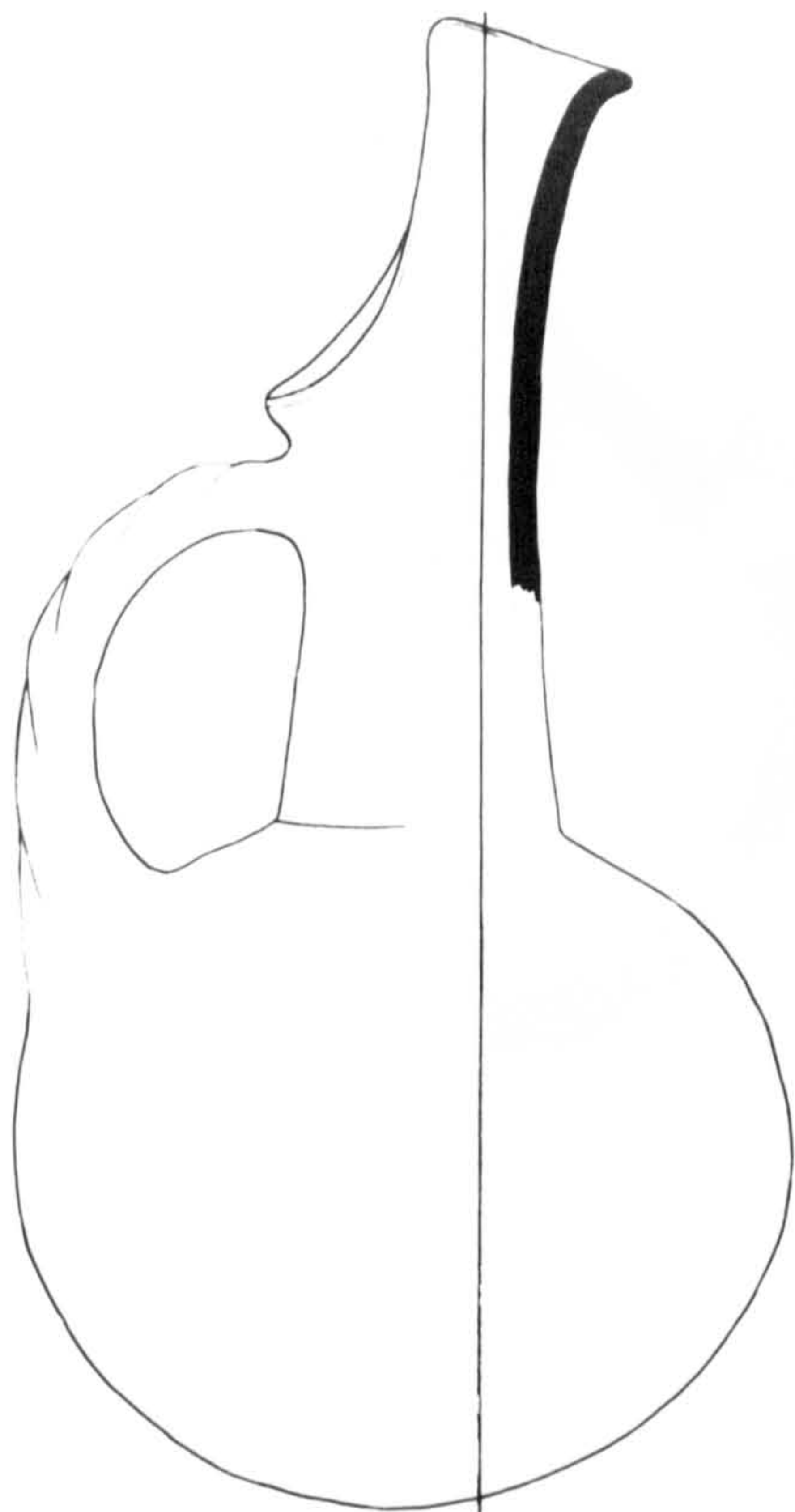
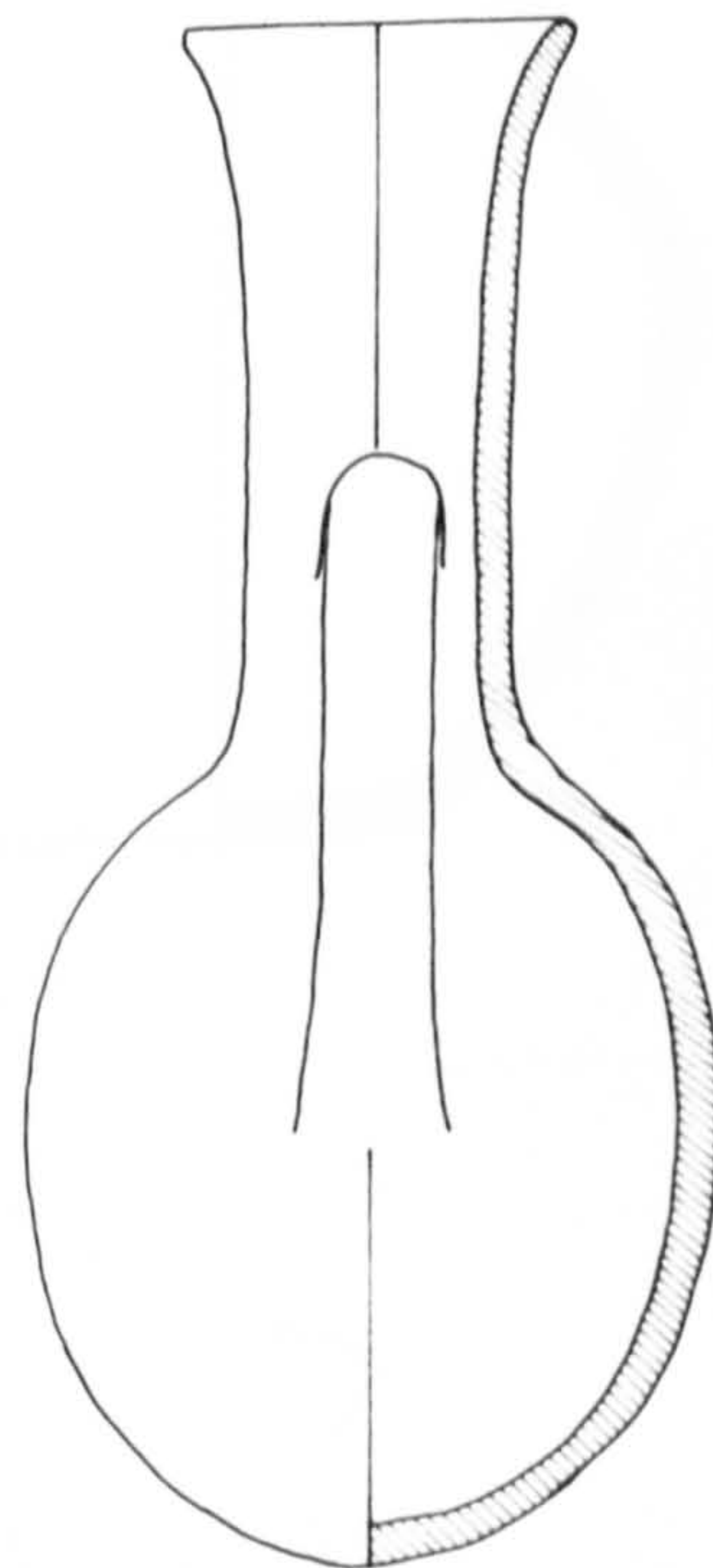
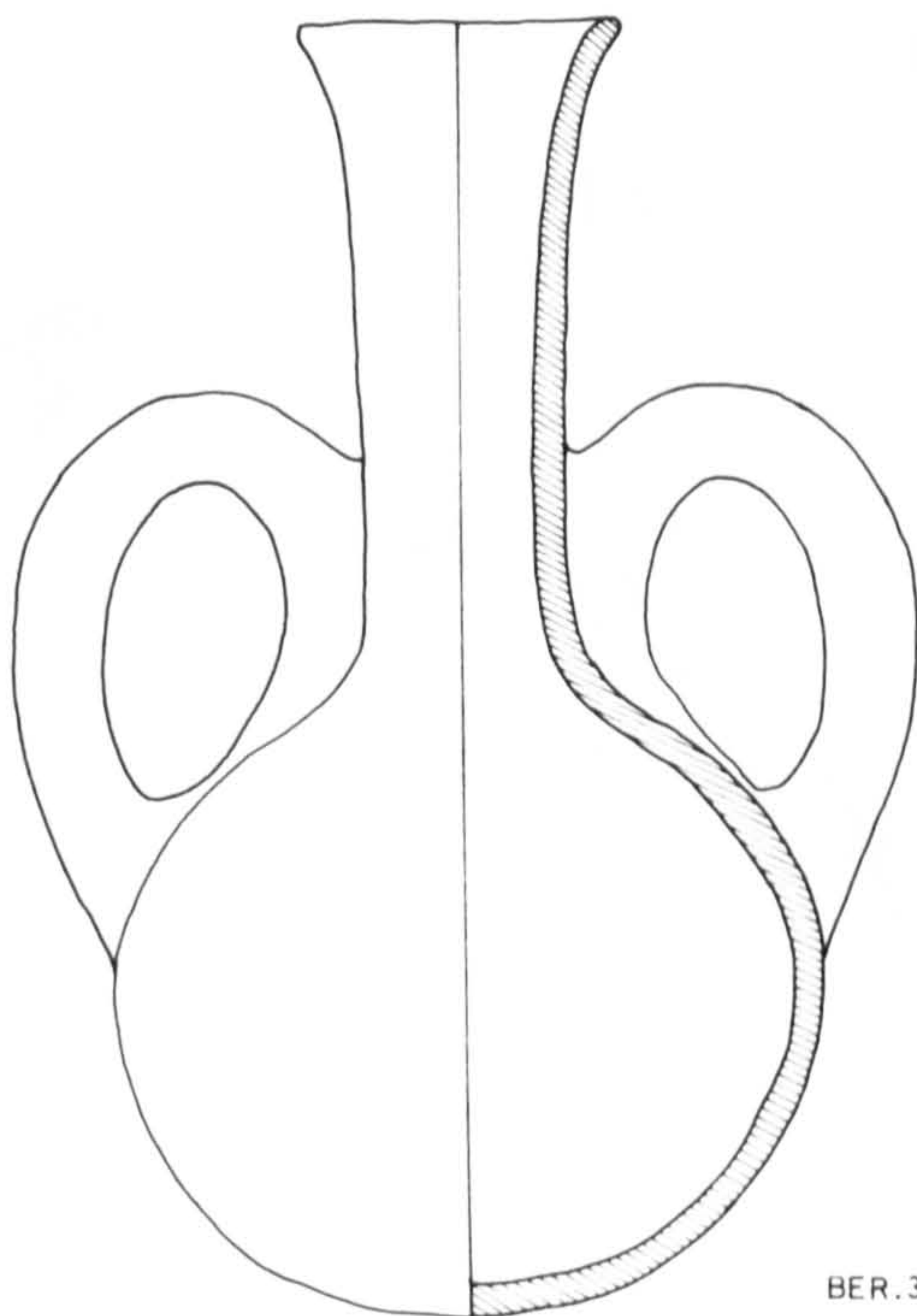


FIG. 81





14



BER.36



FIG. 82

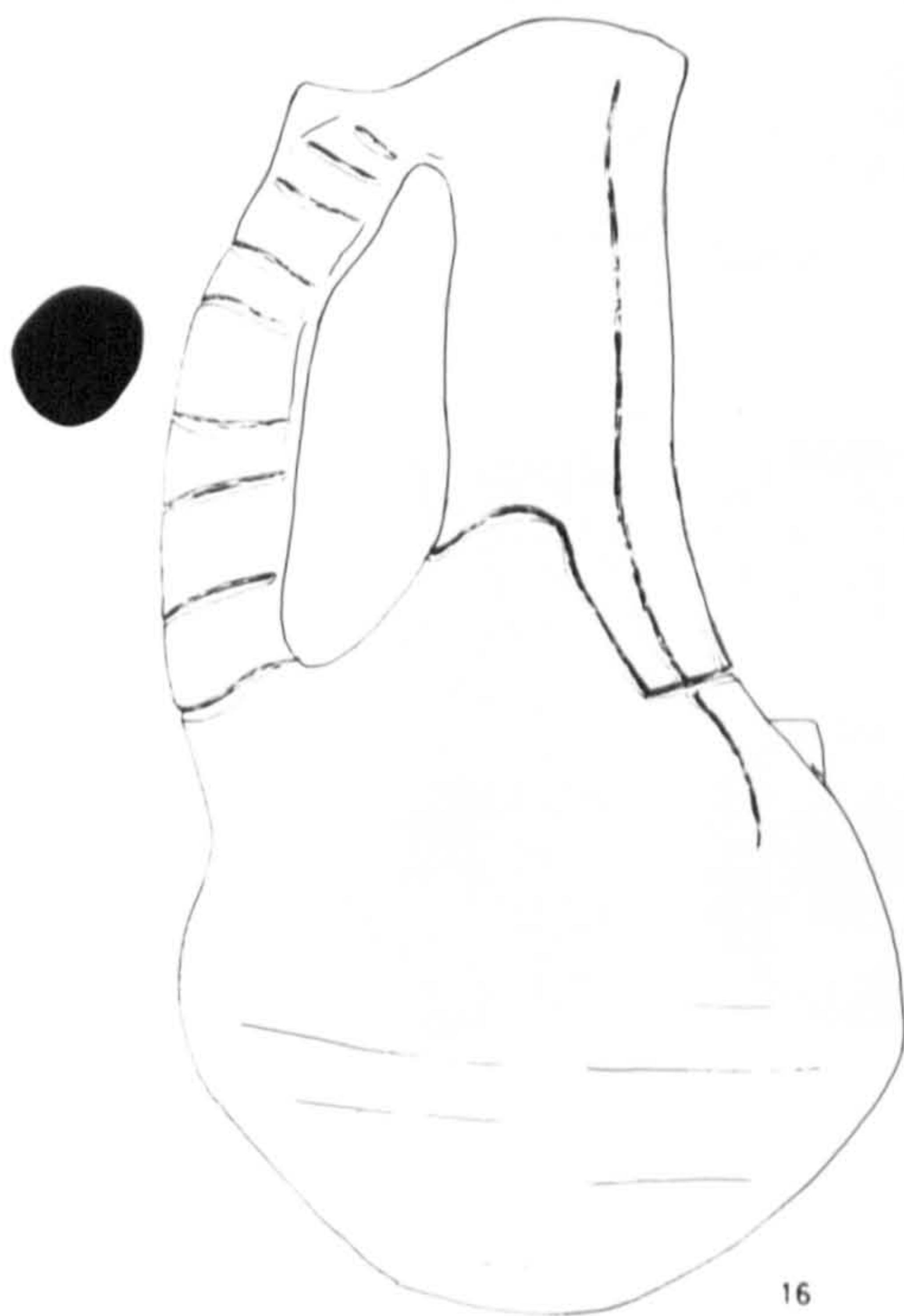
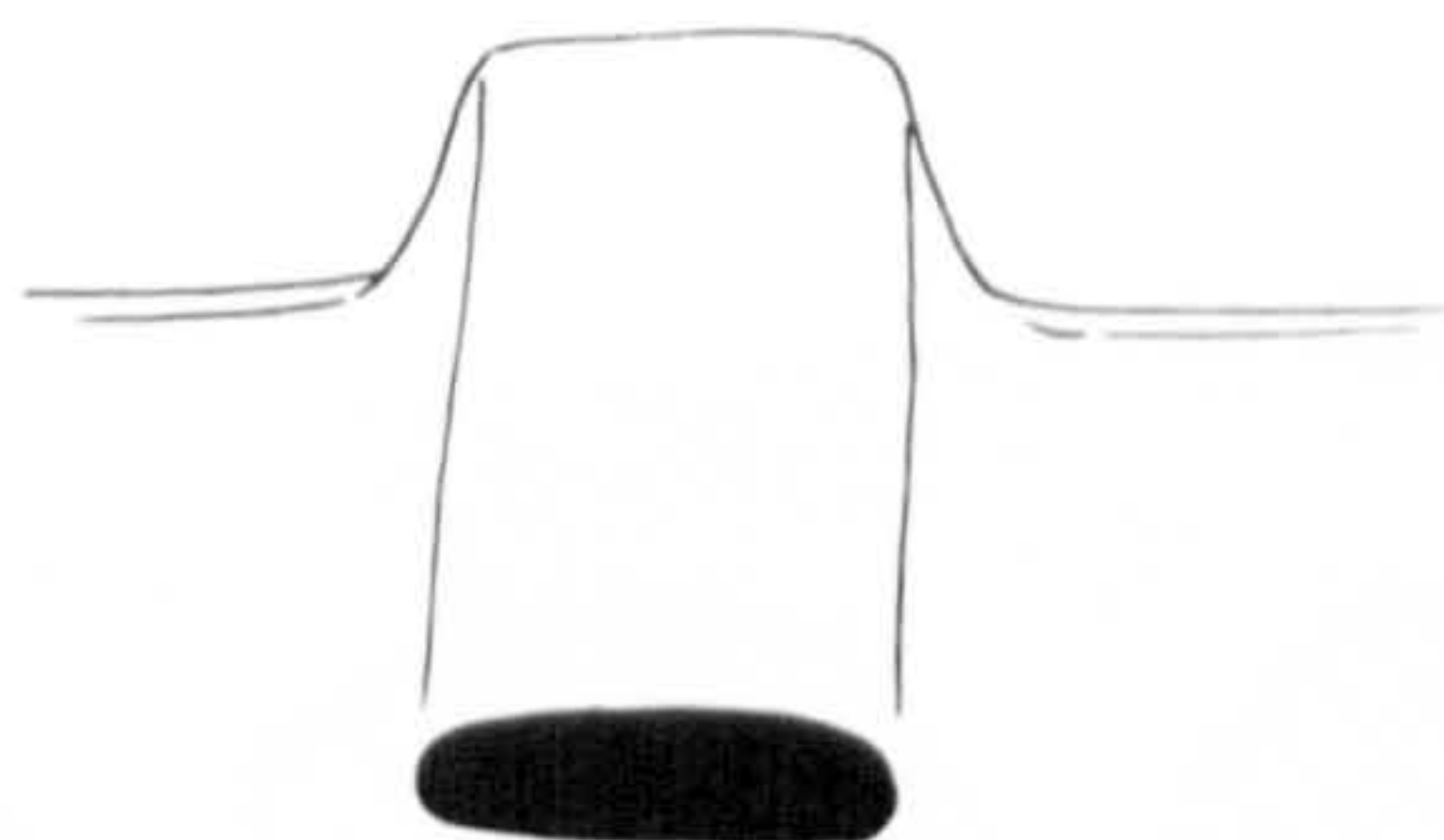
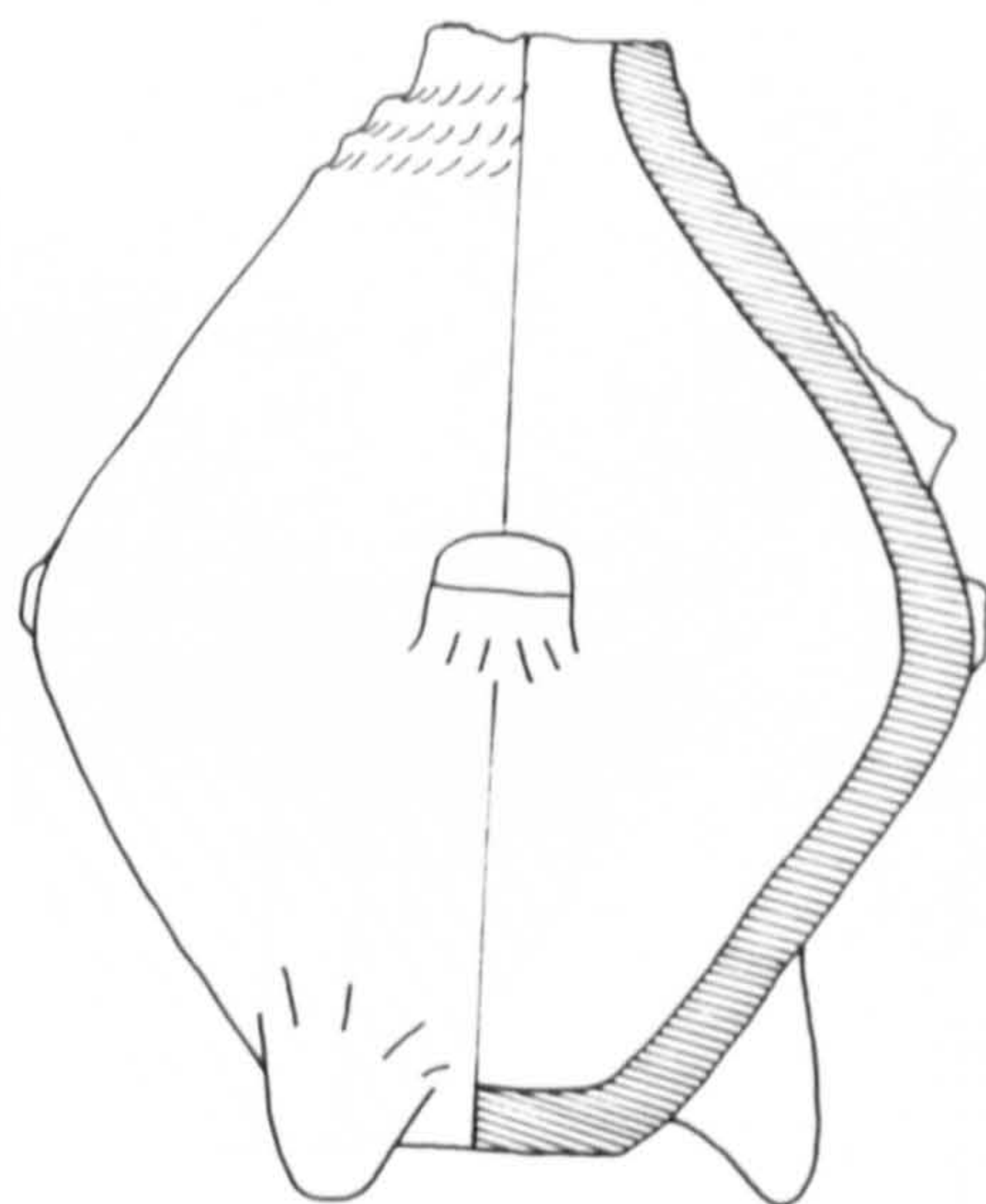
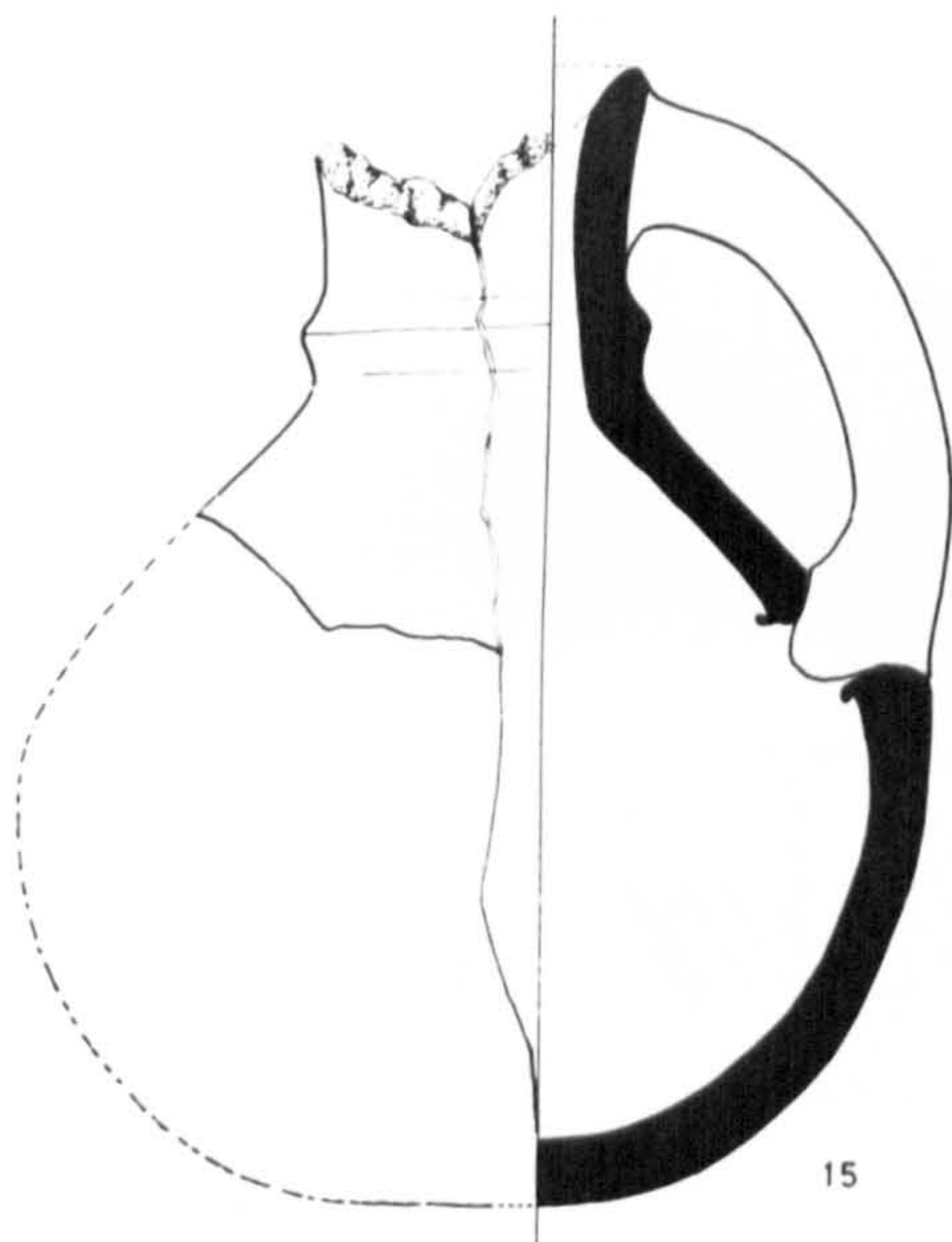


FIG. 83

SPINDLE WHORLS

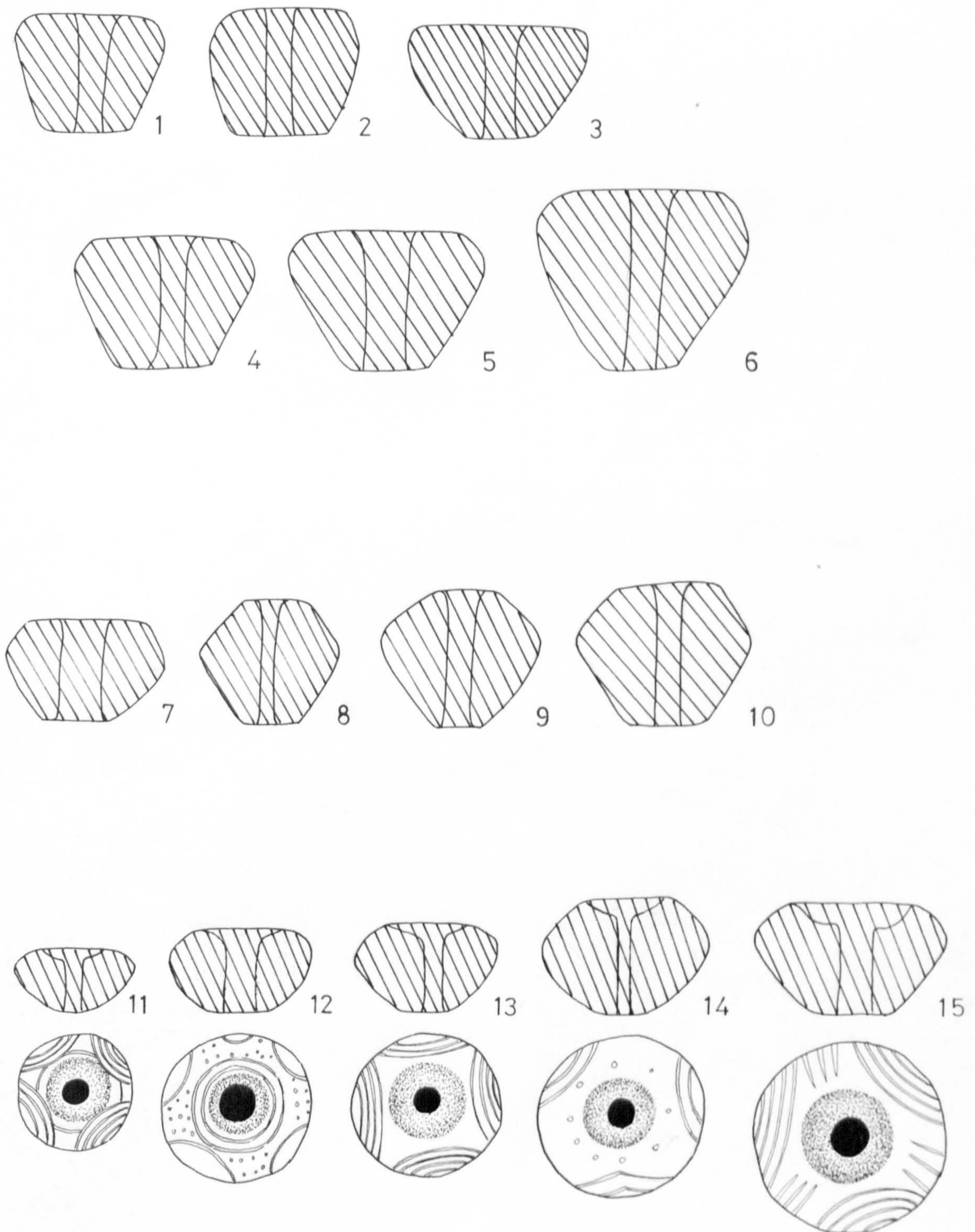


FIG. 84



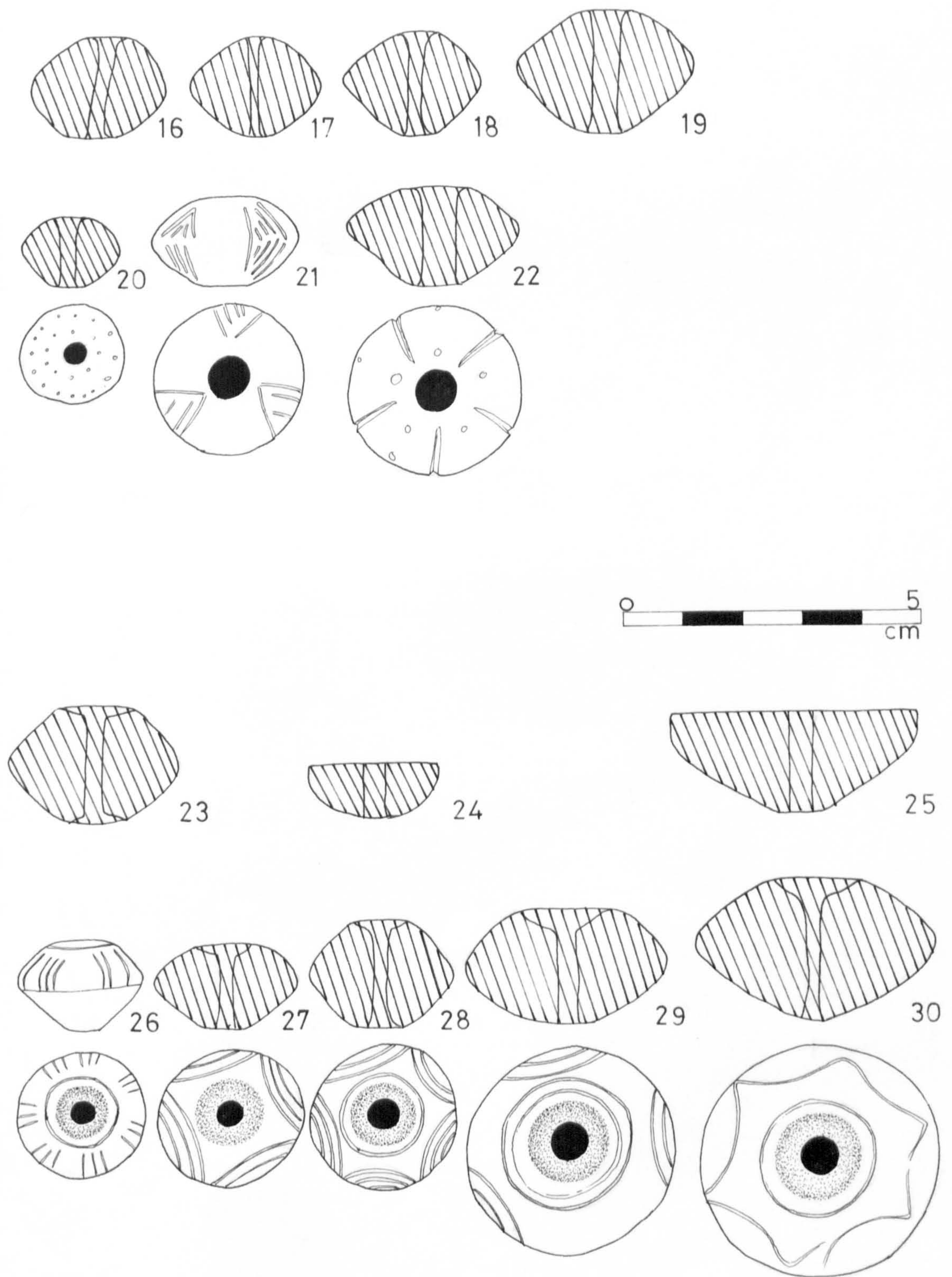


FIG. 85

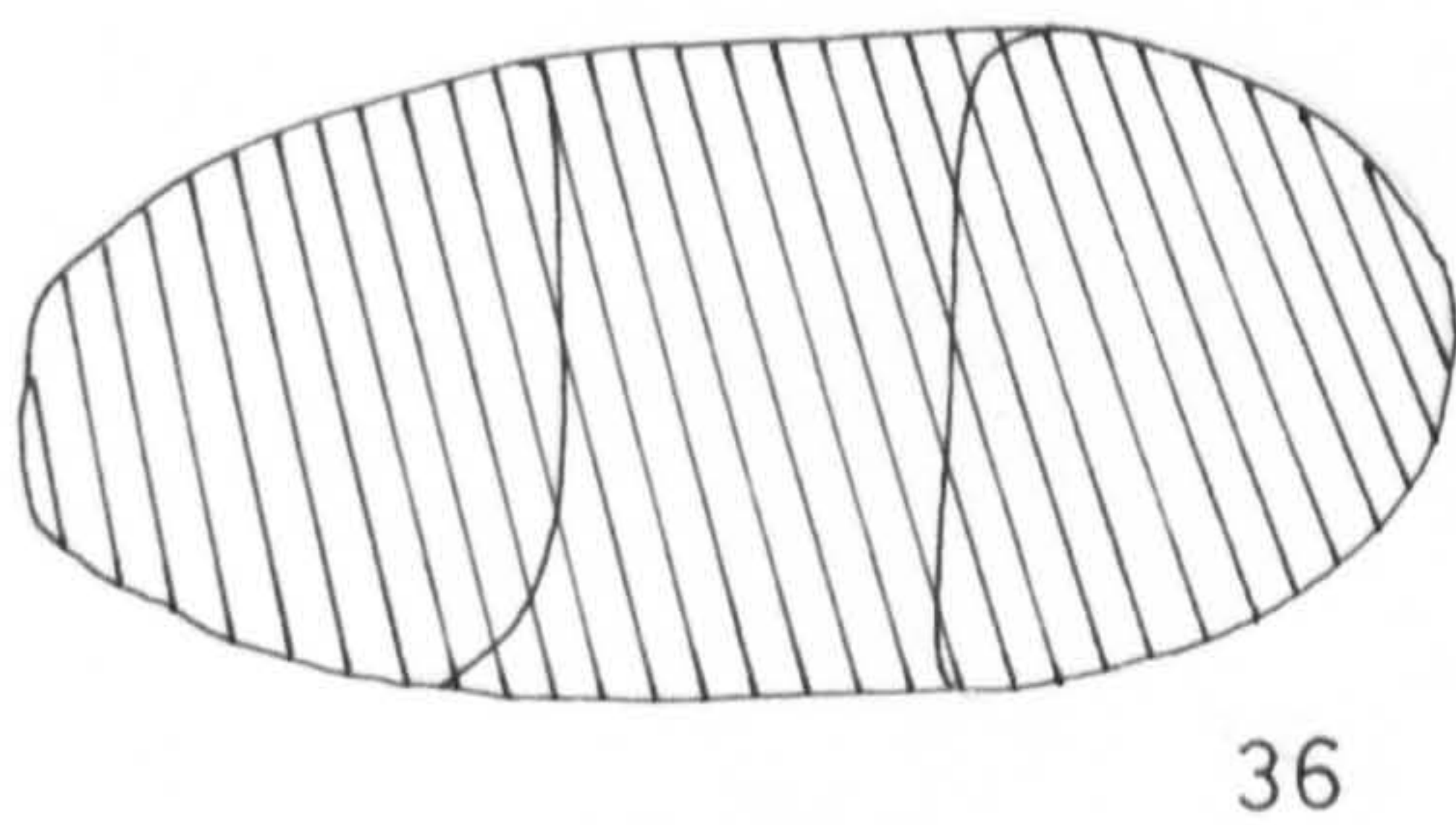
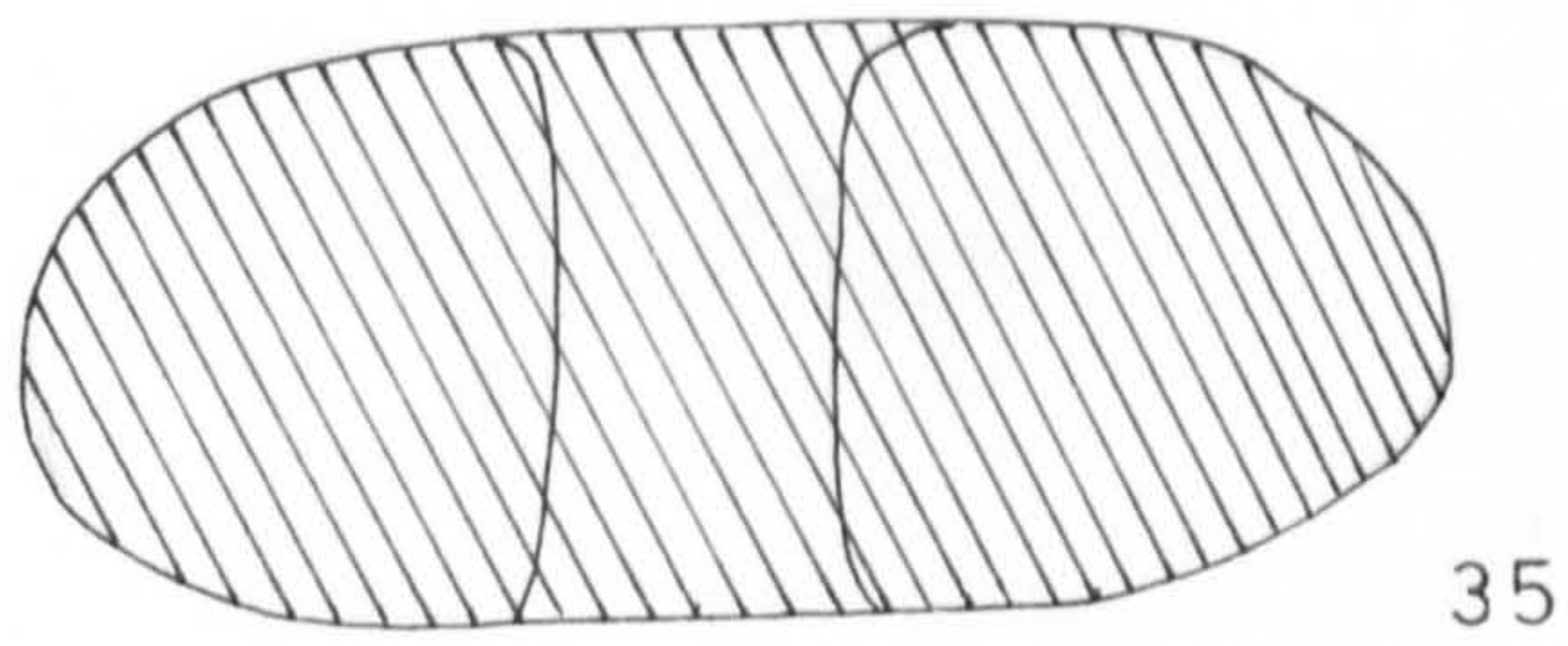
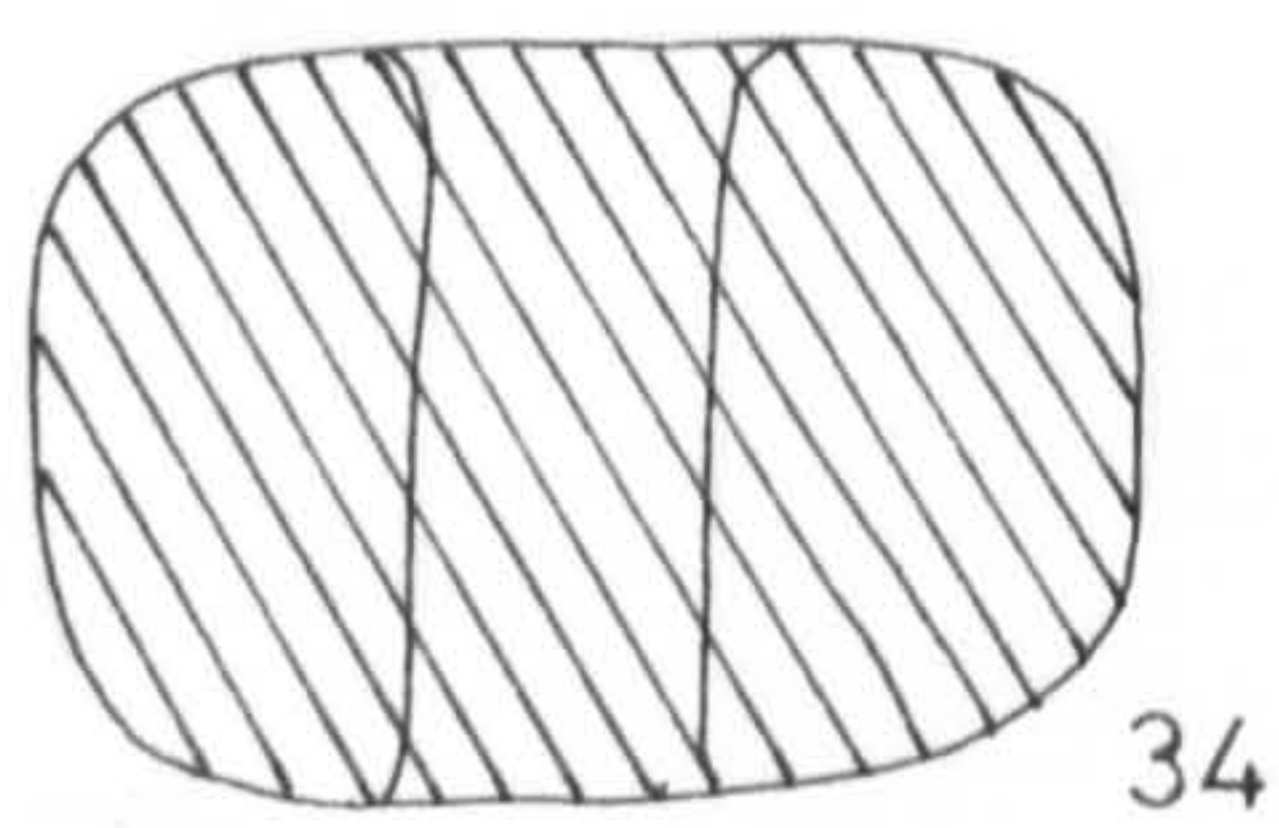
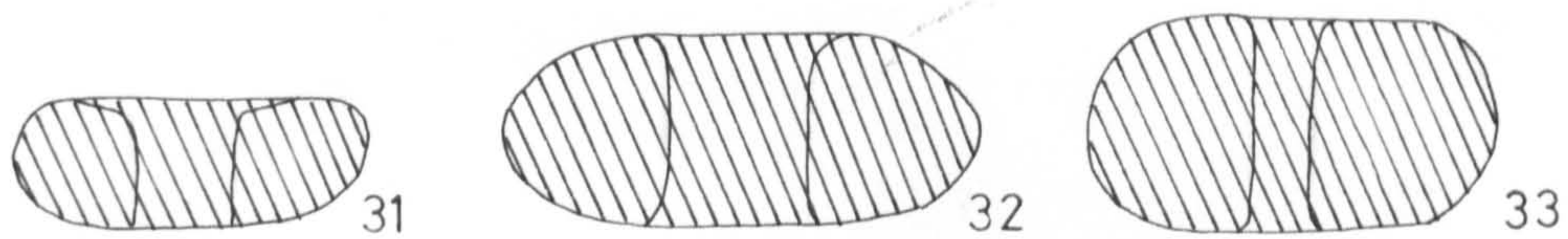


FIG. 86



POTTERY FROM BABAKÖY

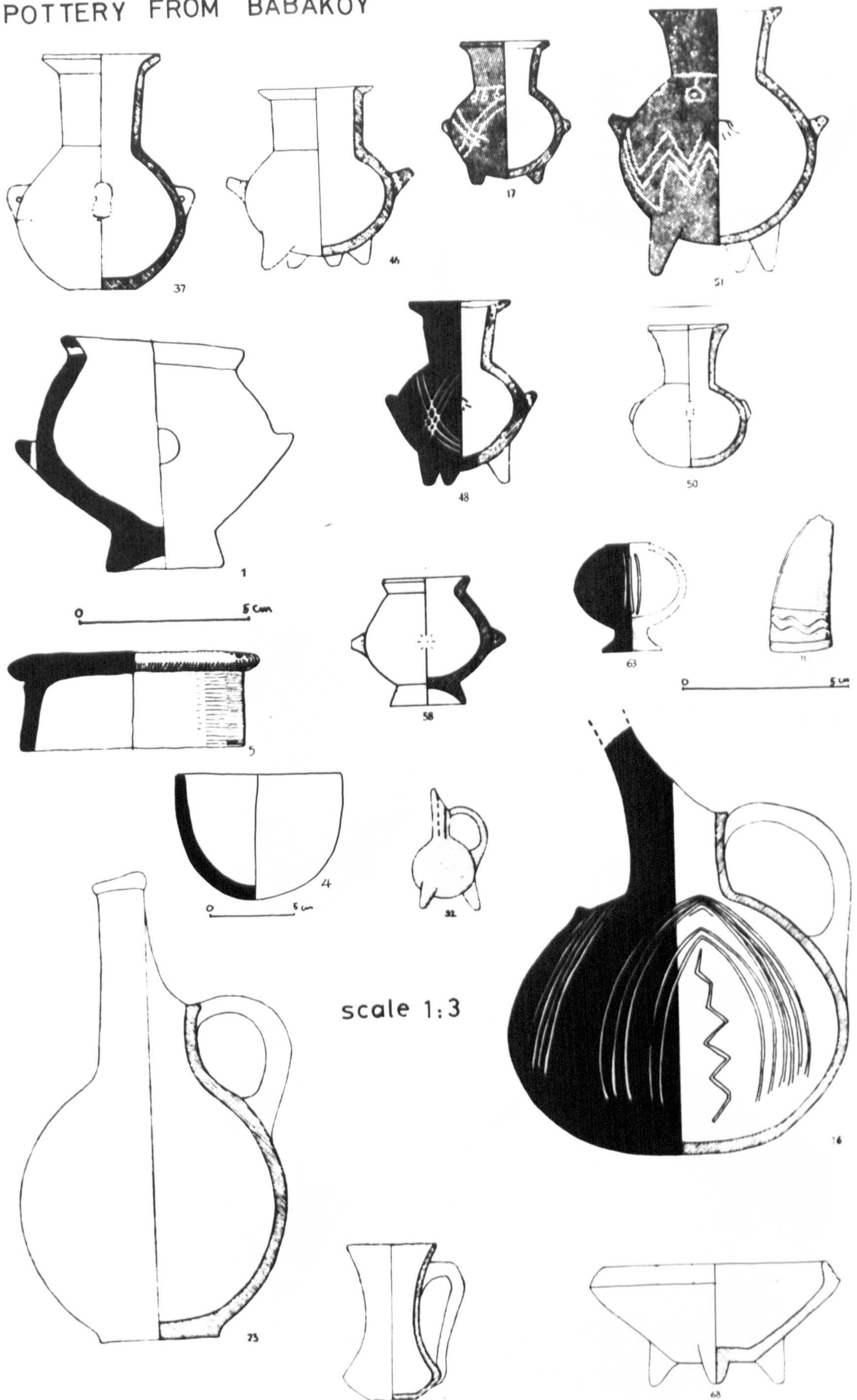
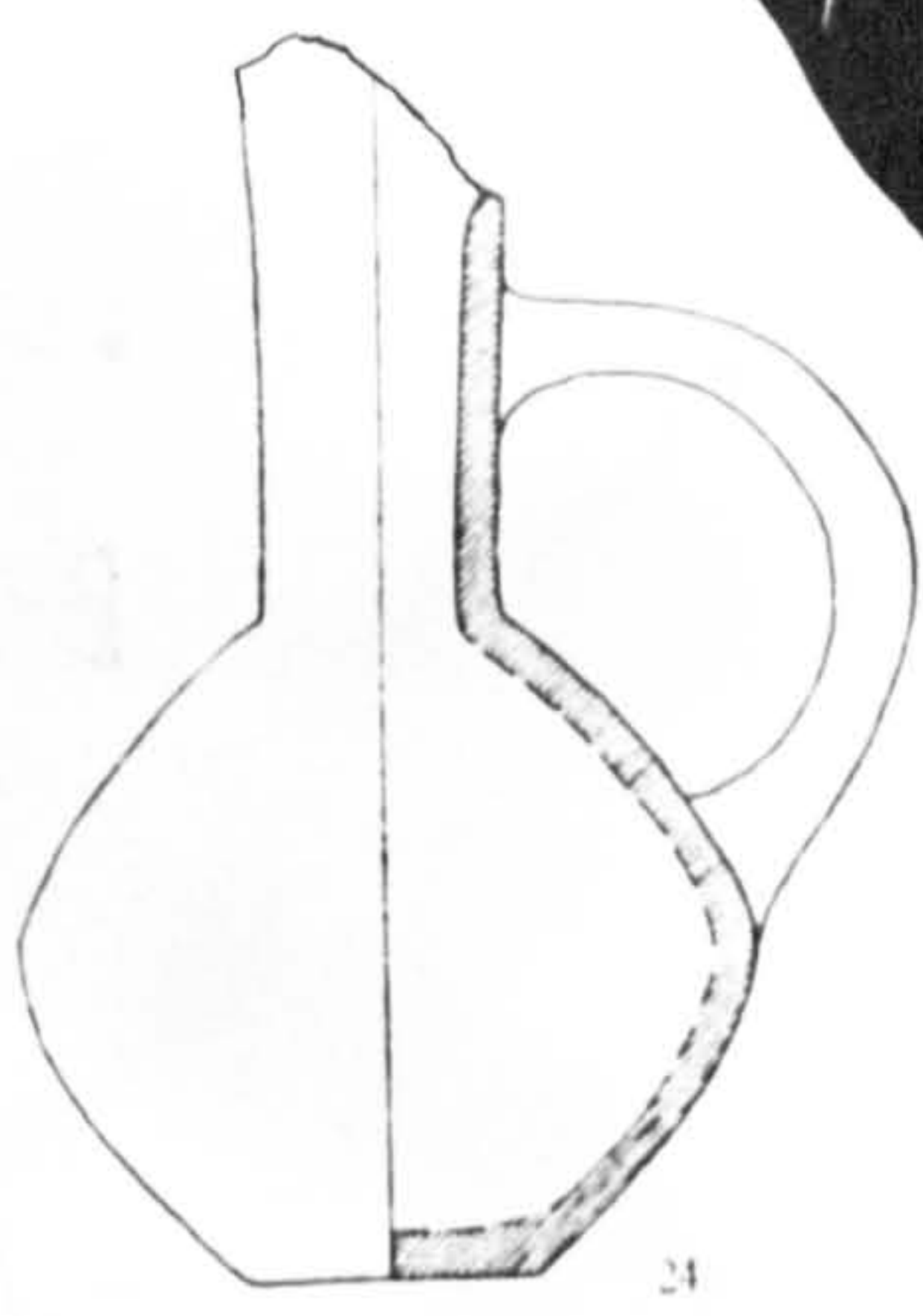
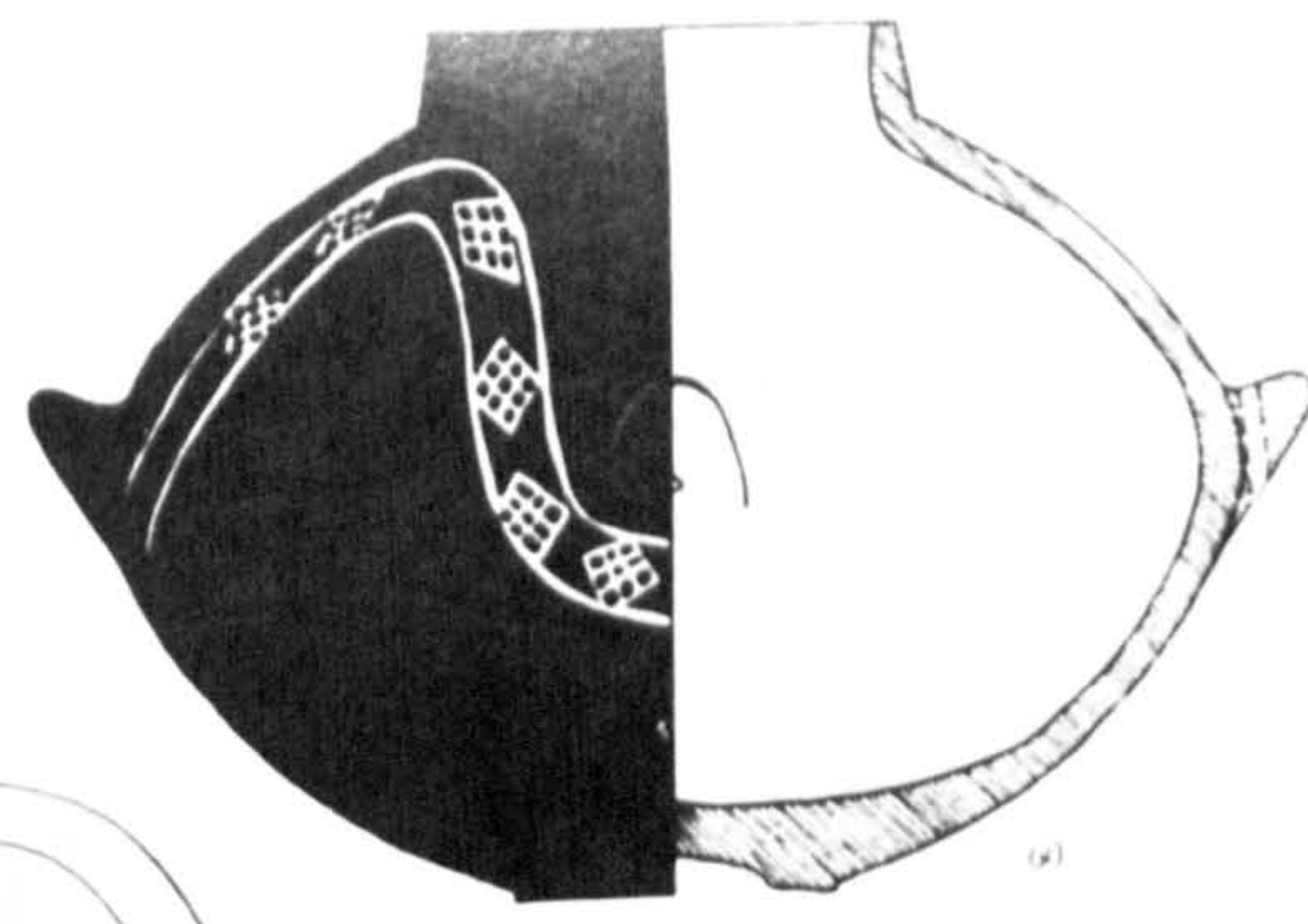
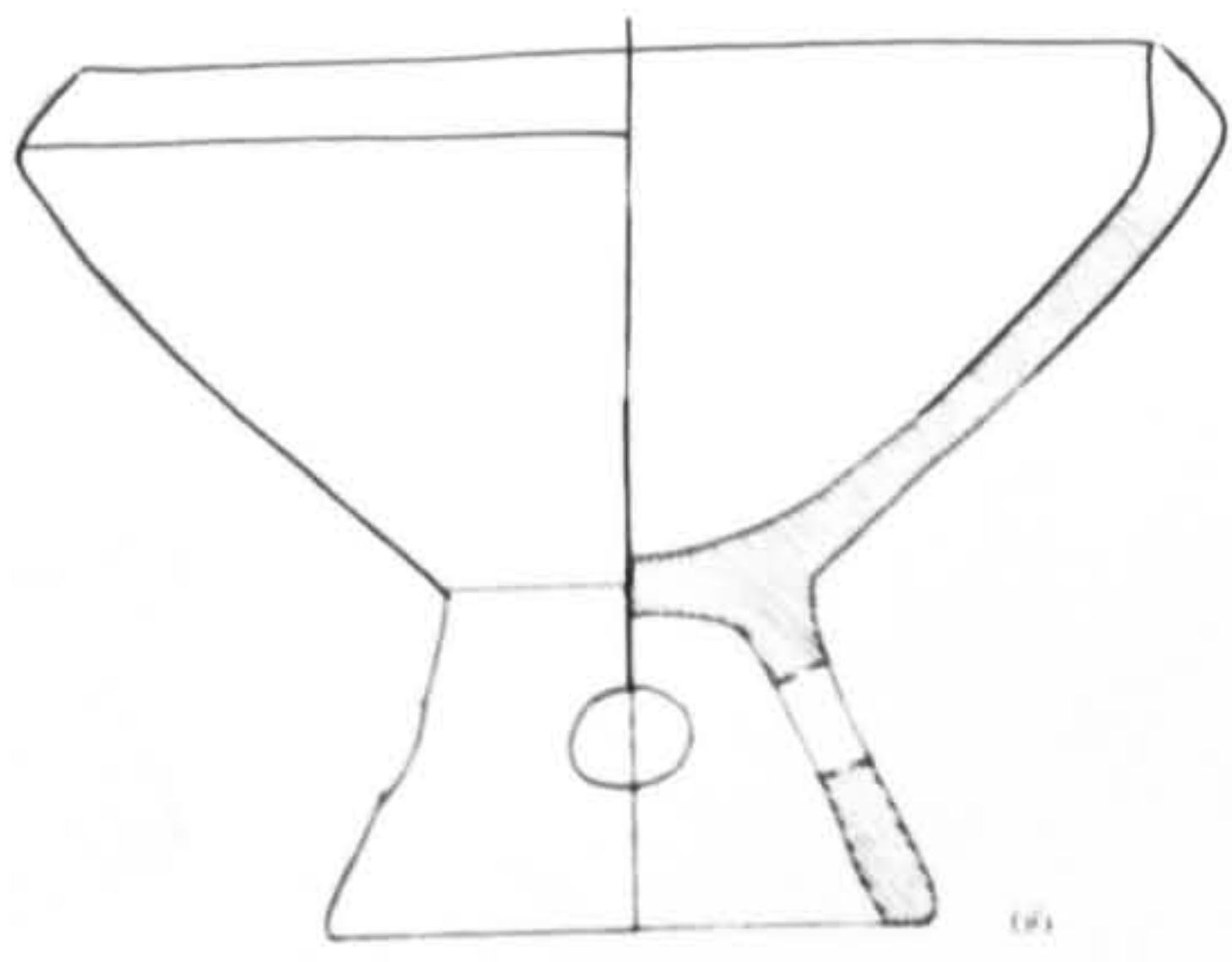


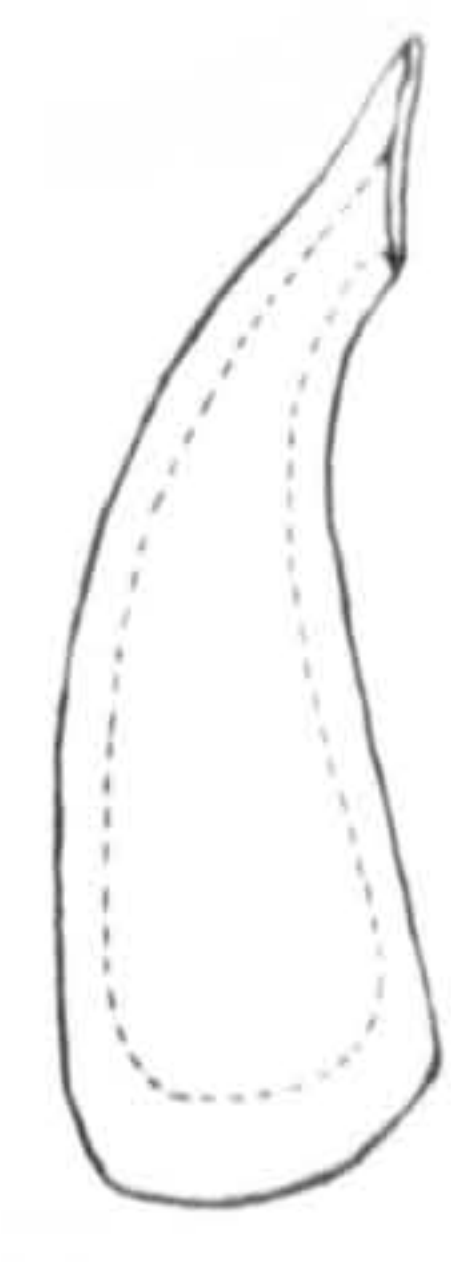
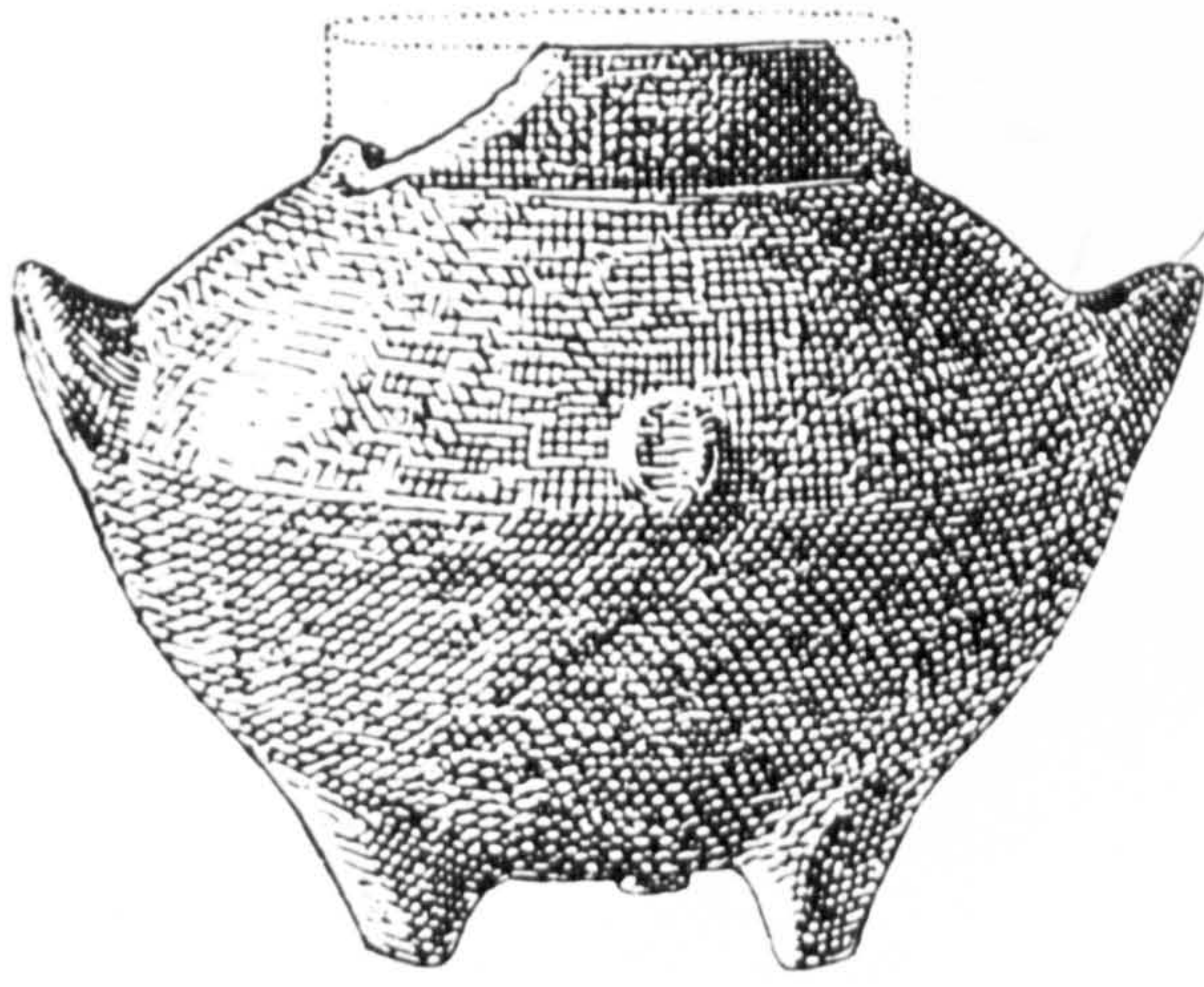
FIG. 87

POTTERY FROM SOMA



scale 1:3

POTTERY FROM PERGAMON



uncertain
provenance

not to scale



FIG. 88

POTTERY OF UNCERTAIN PROVENANCE

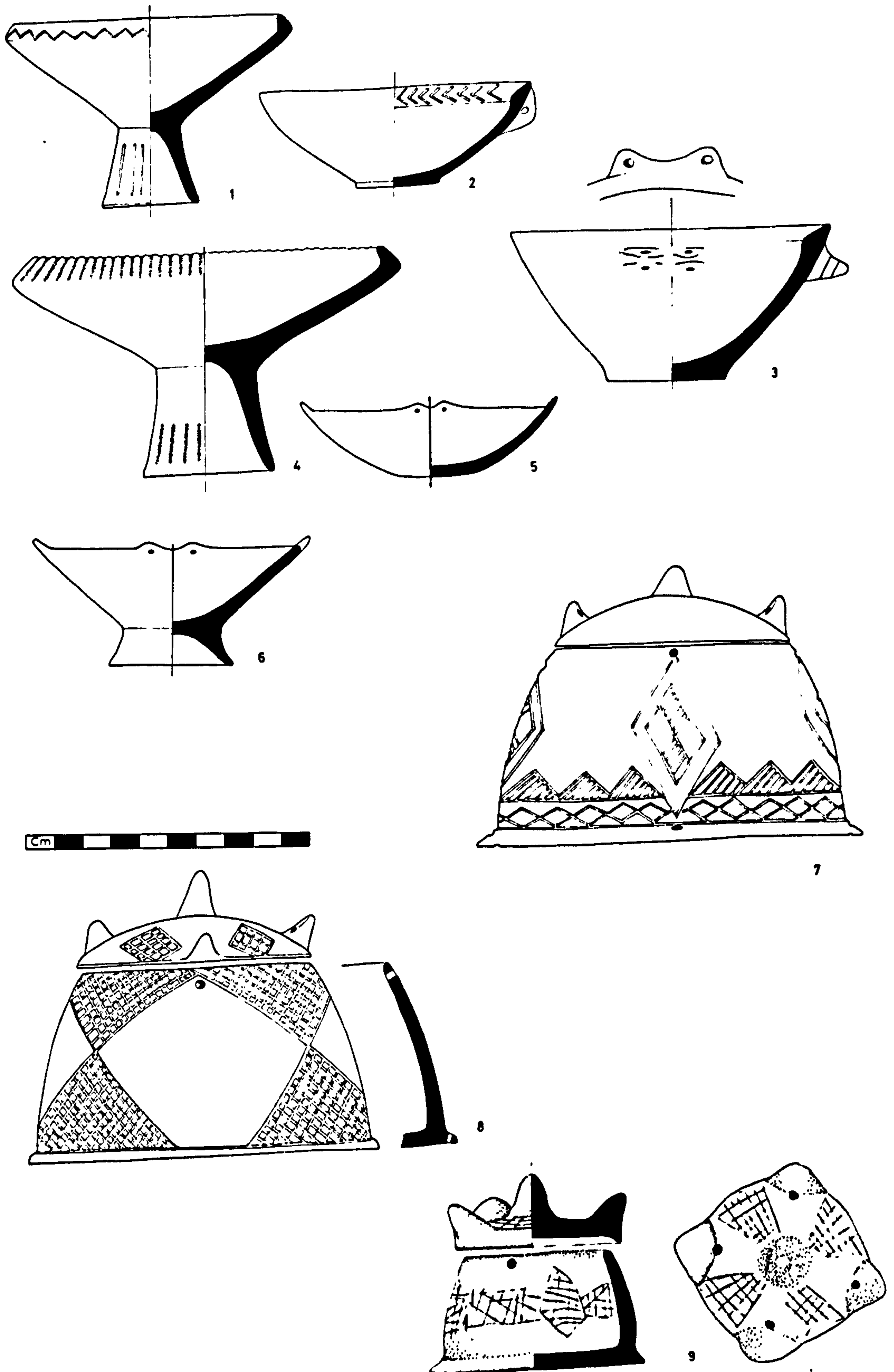
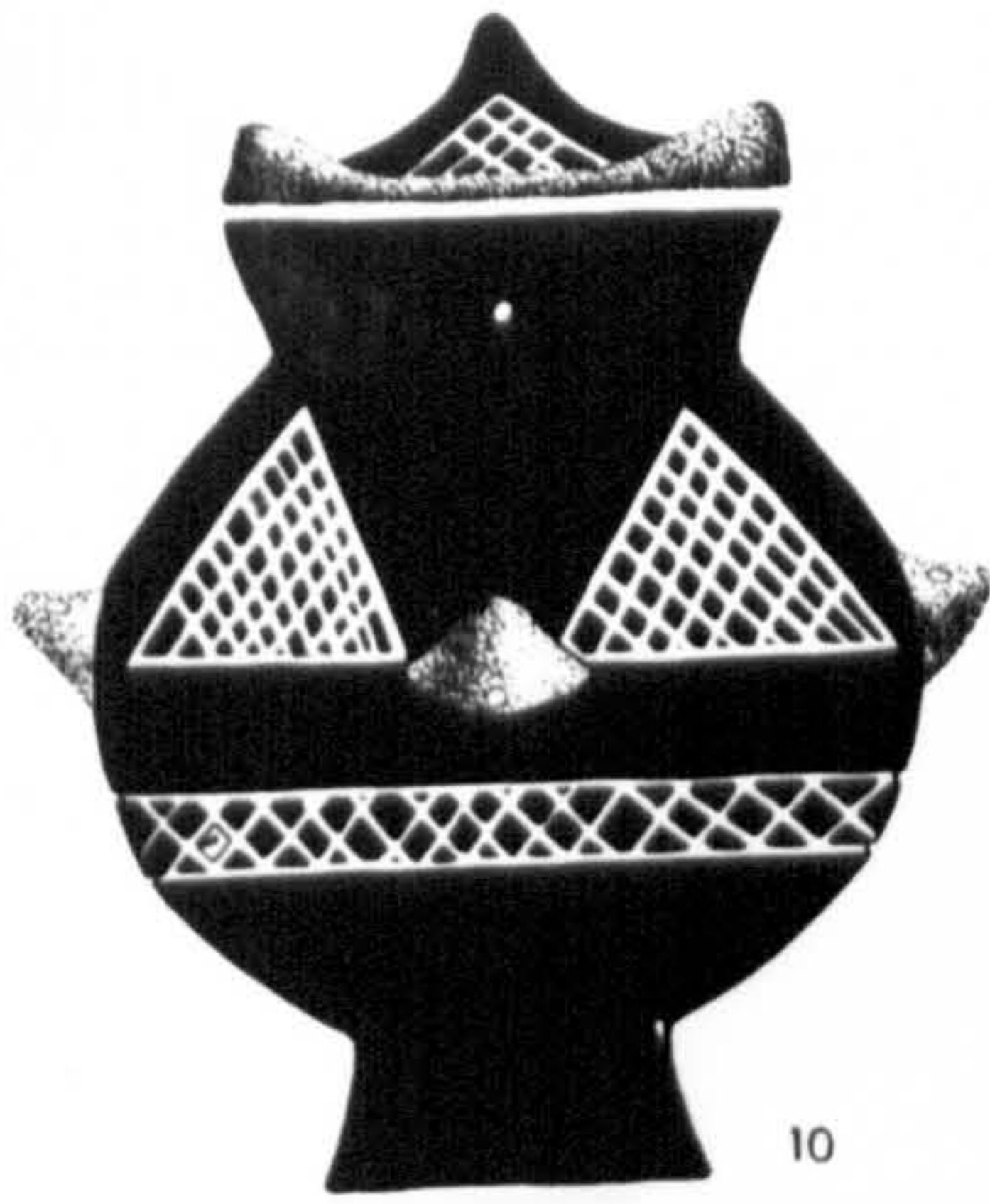


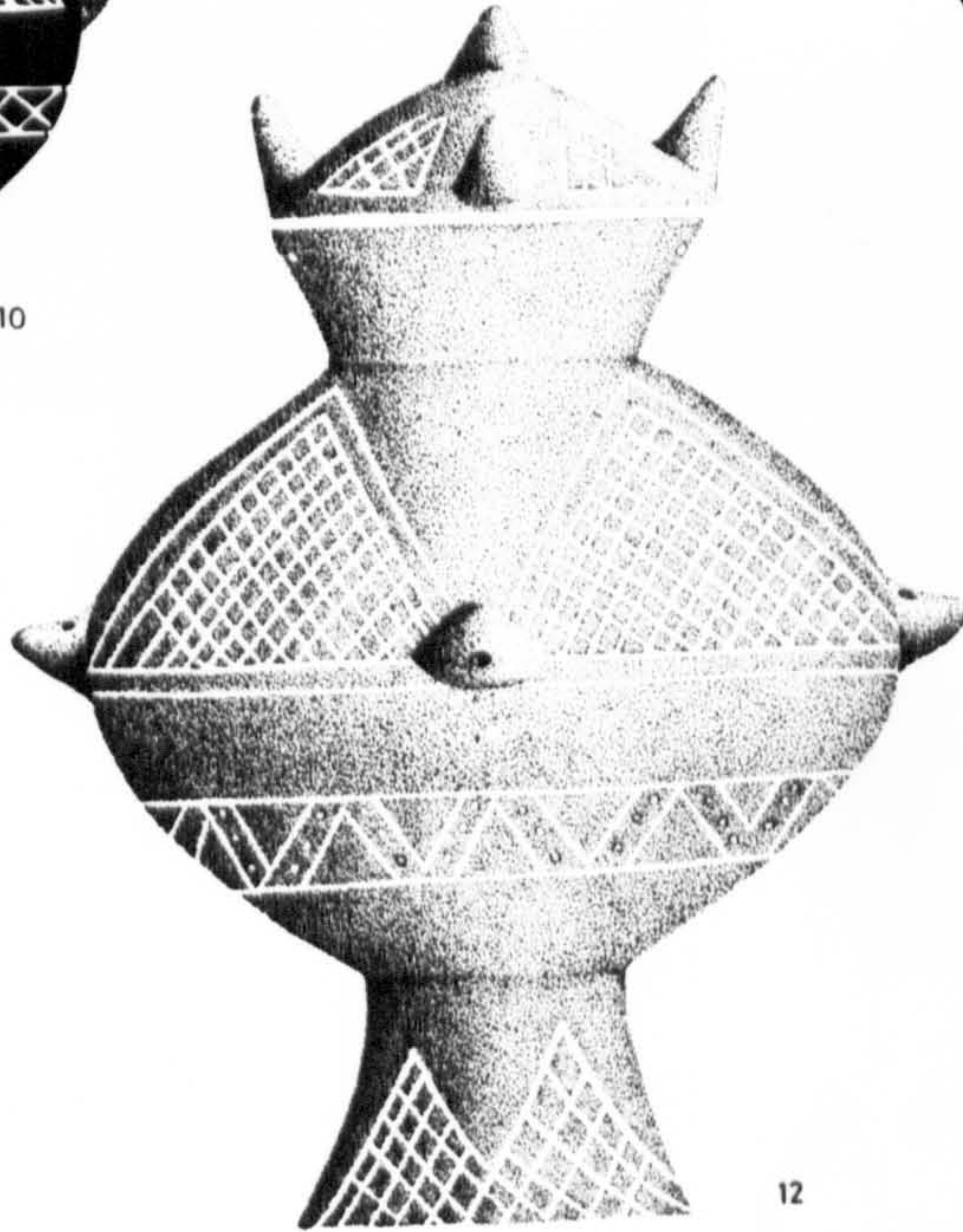
FIG. 89



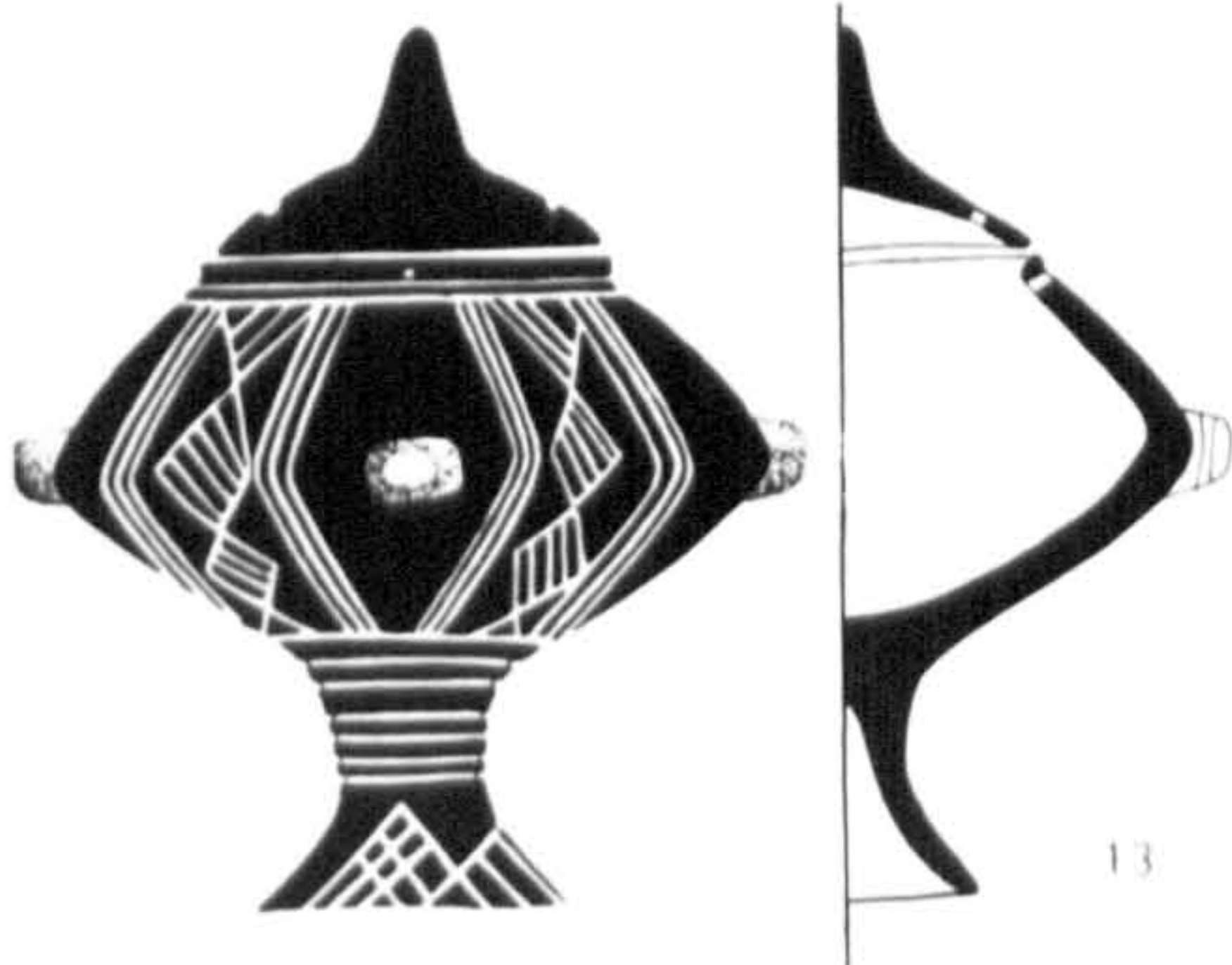
10



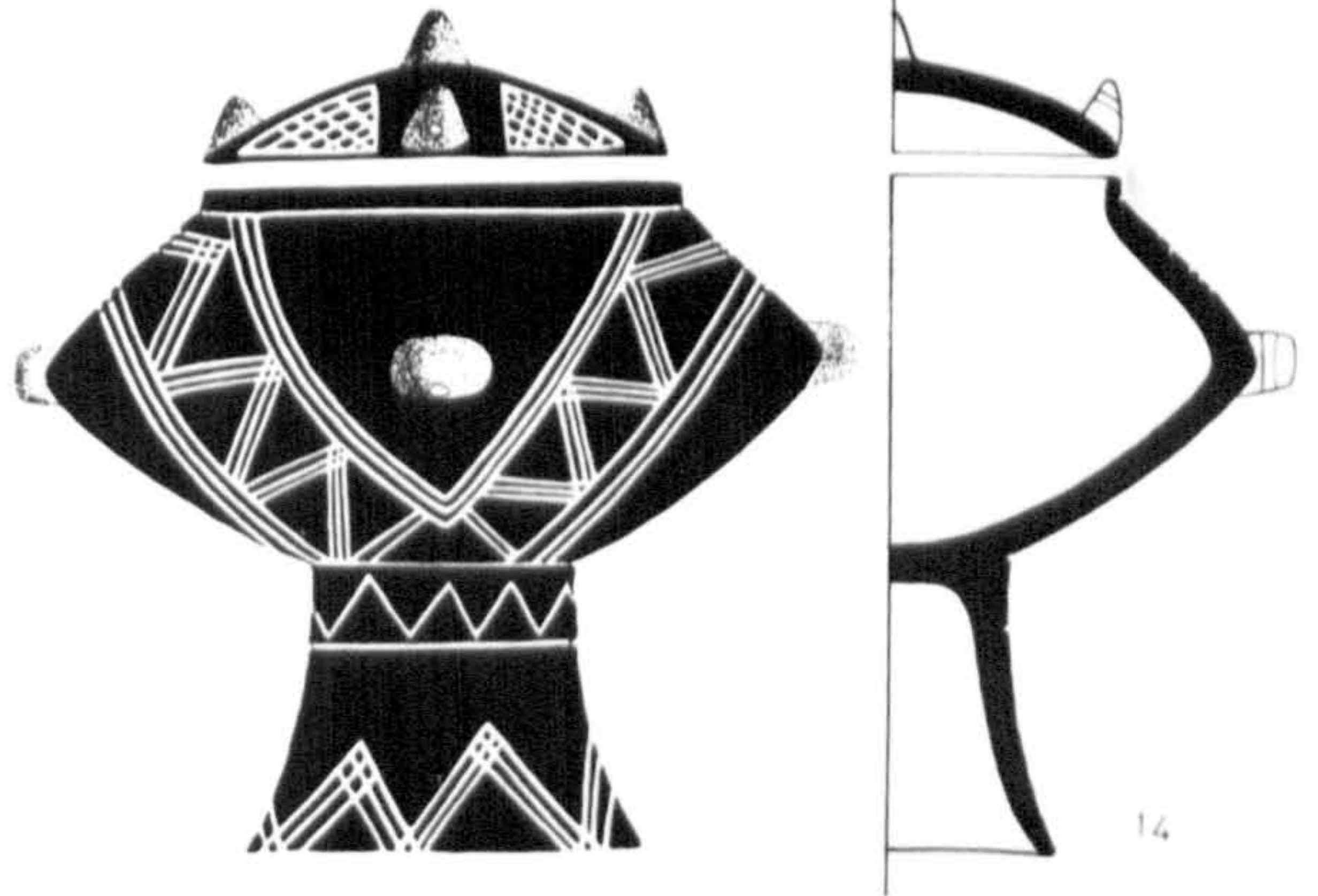
11



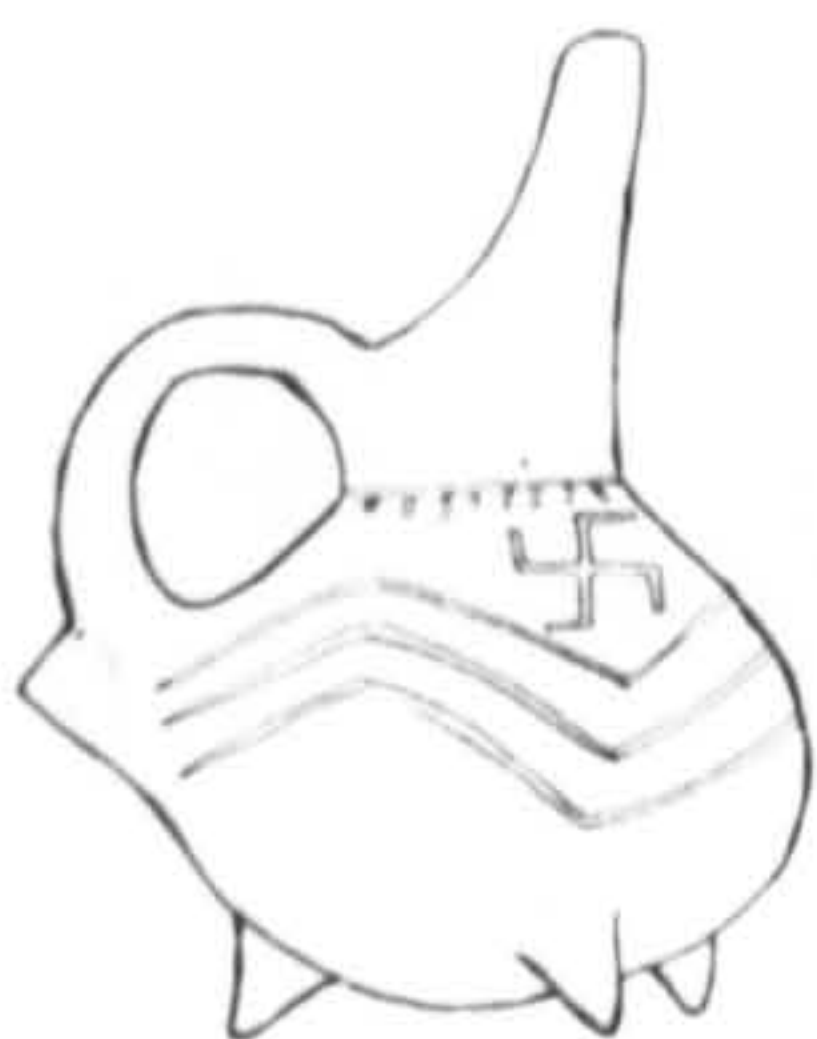
12



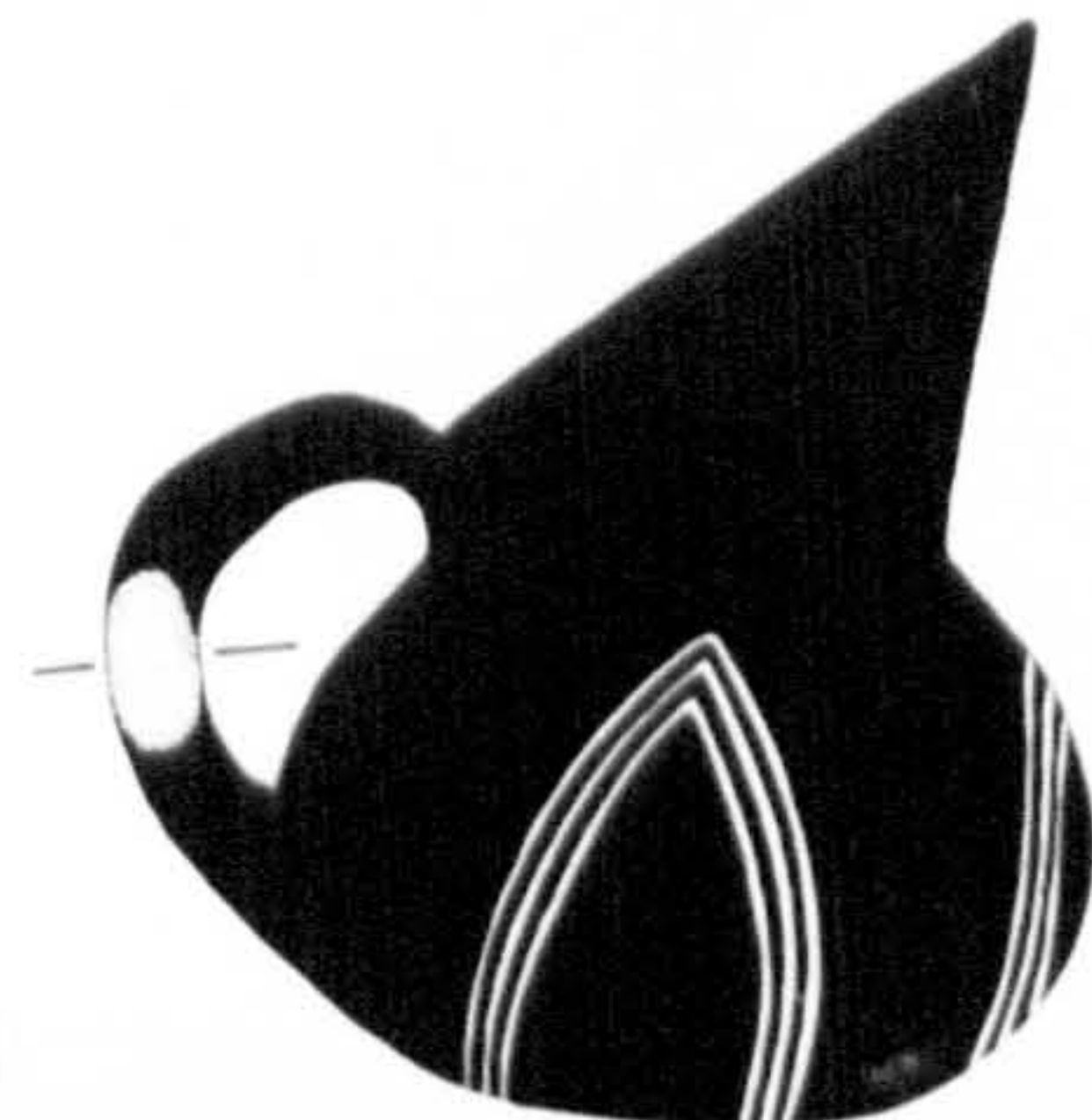
13



14



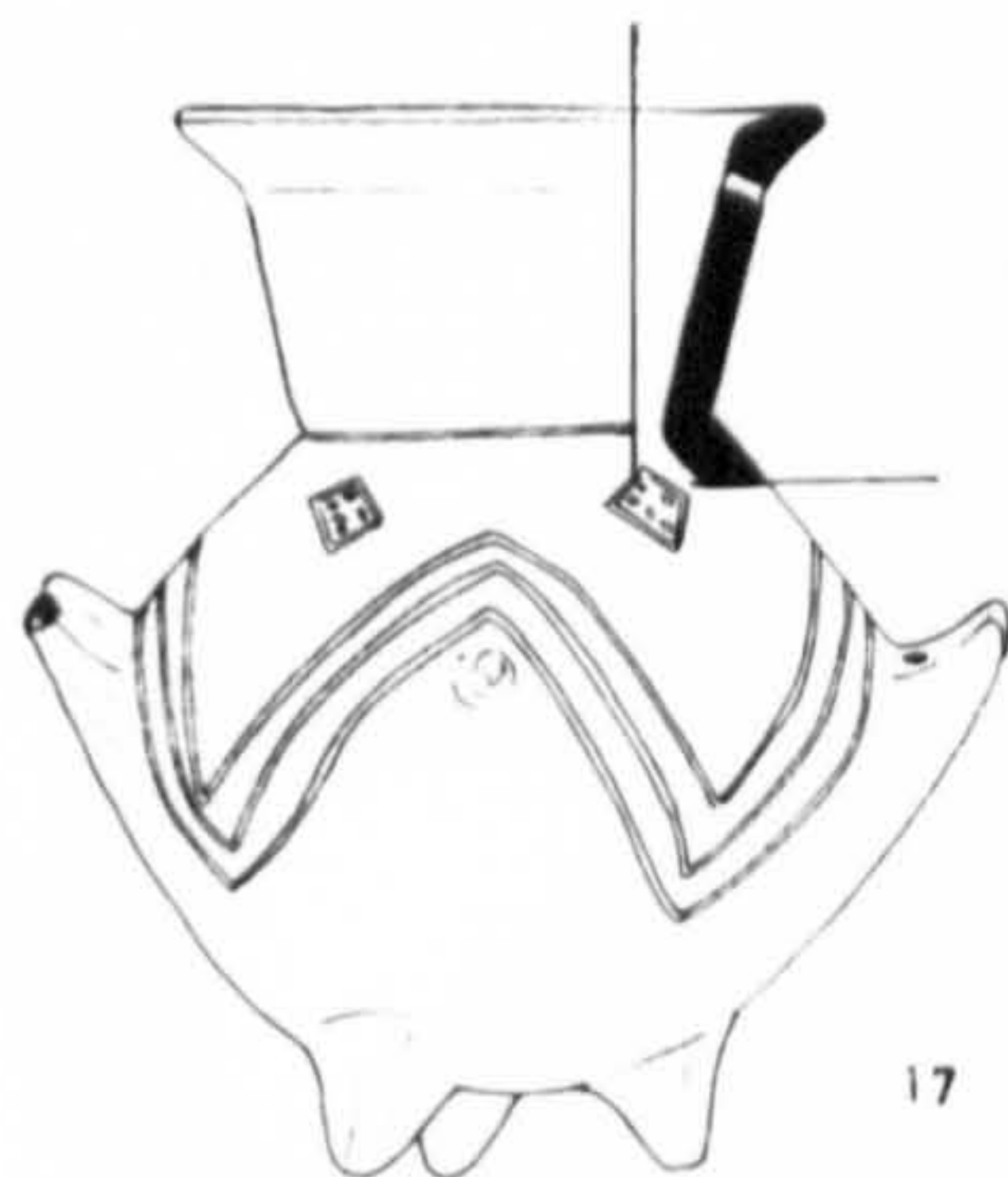
15



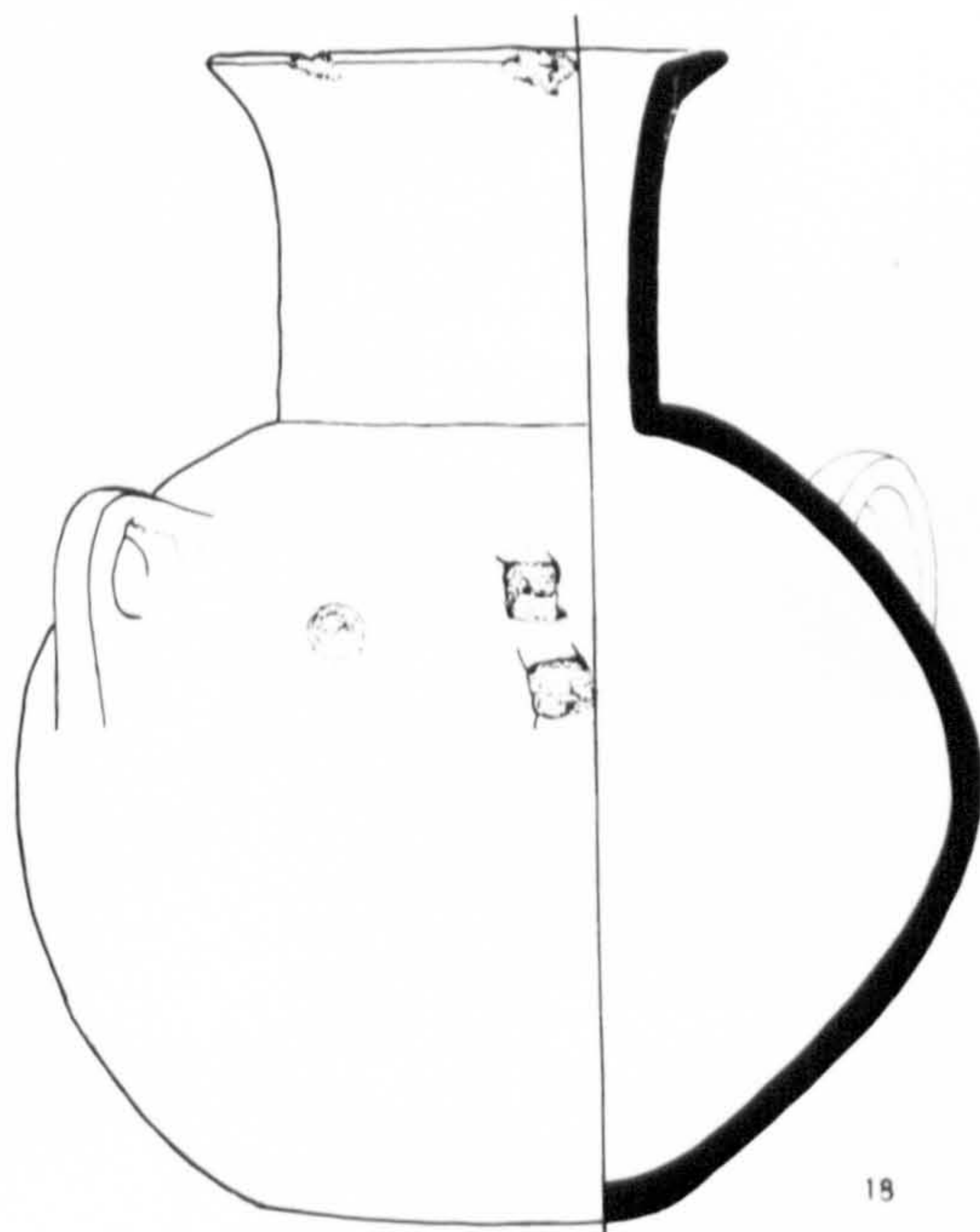
16

FIG. 90

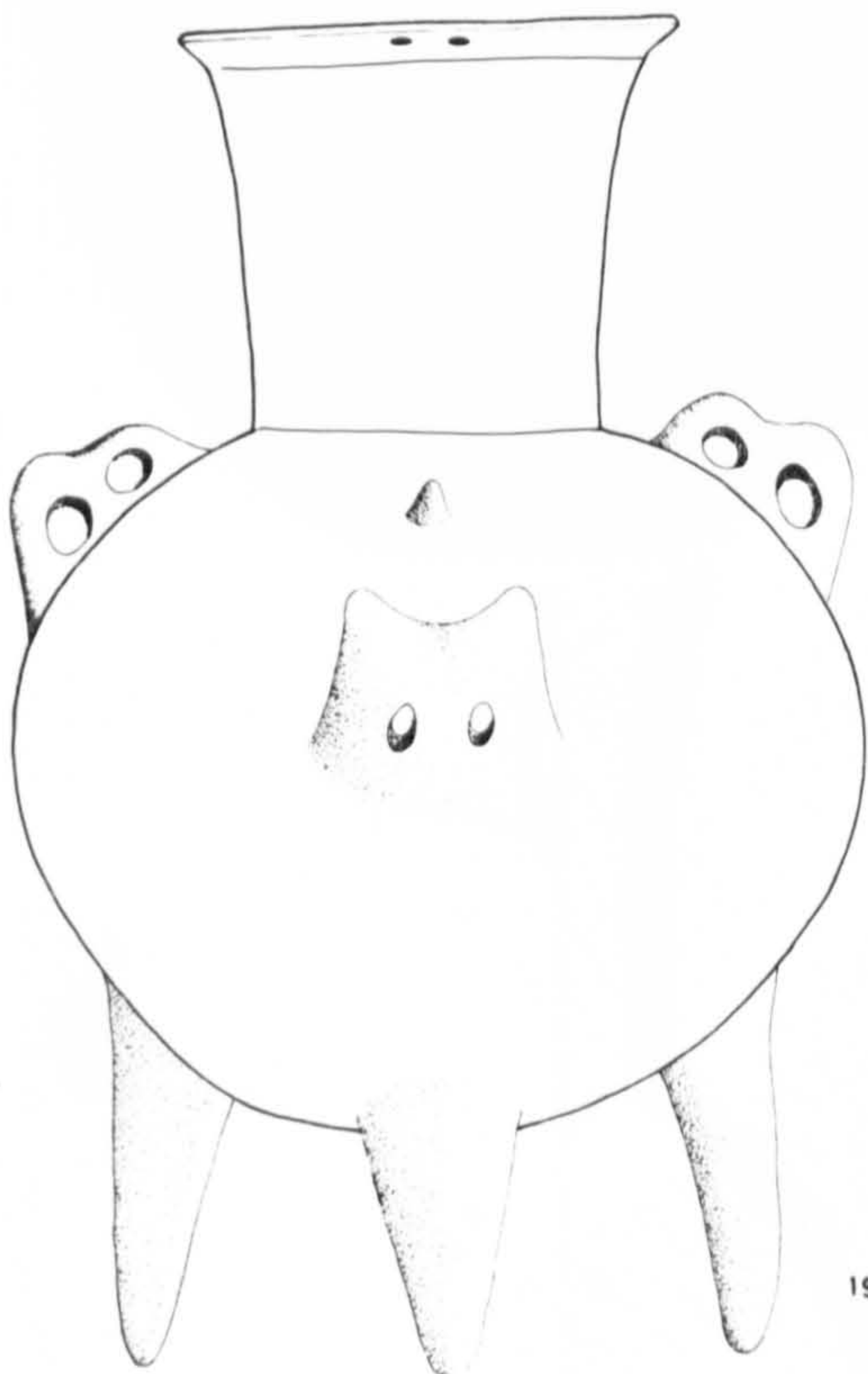
312



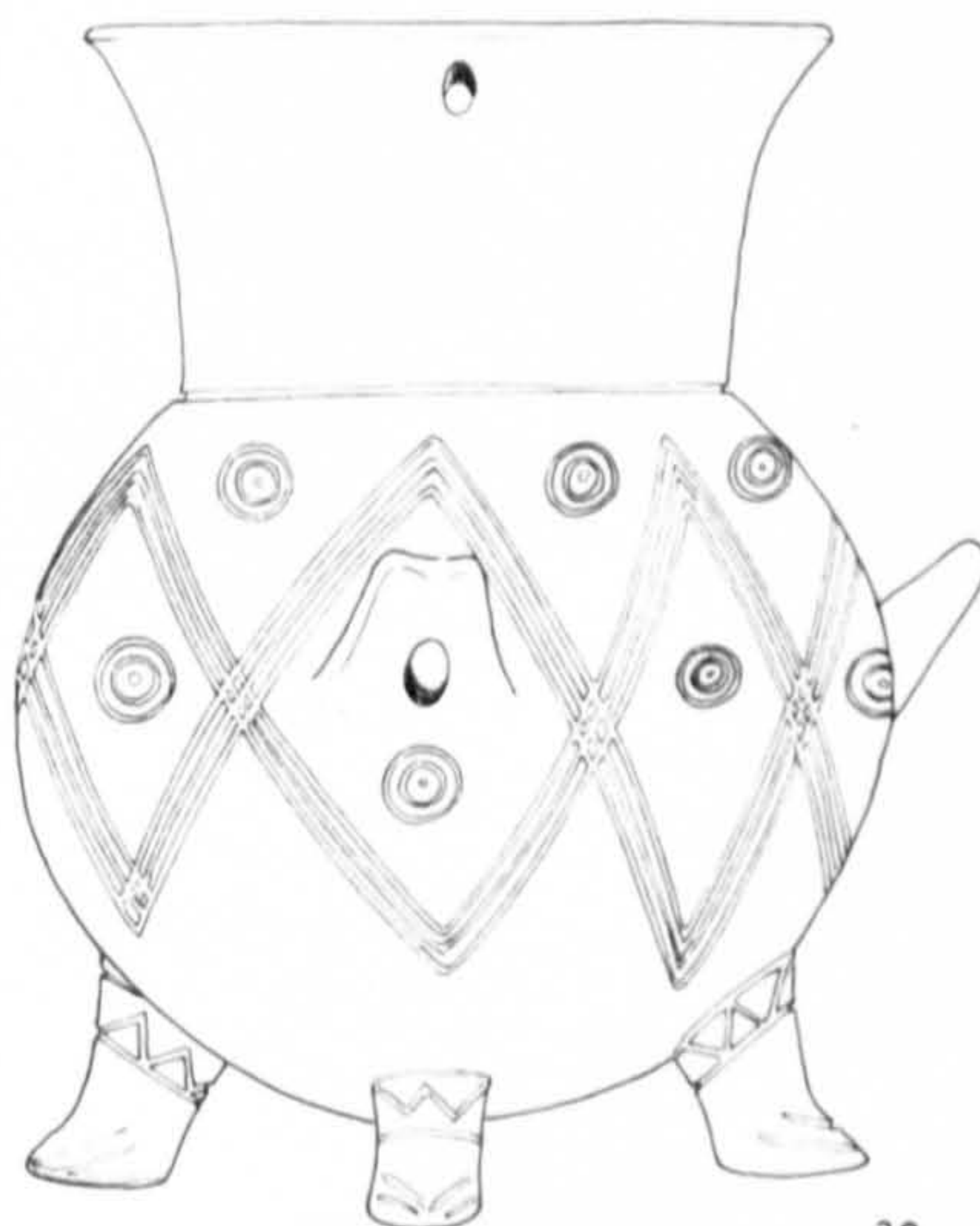
17



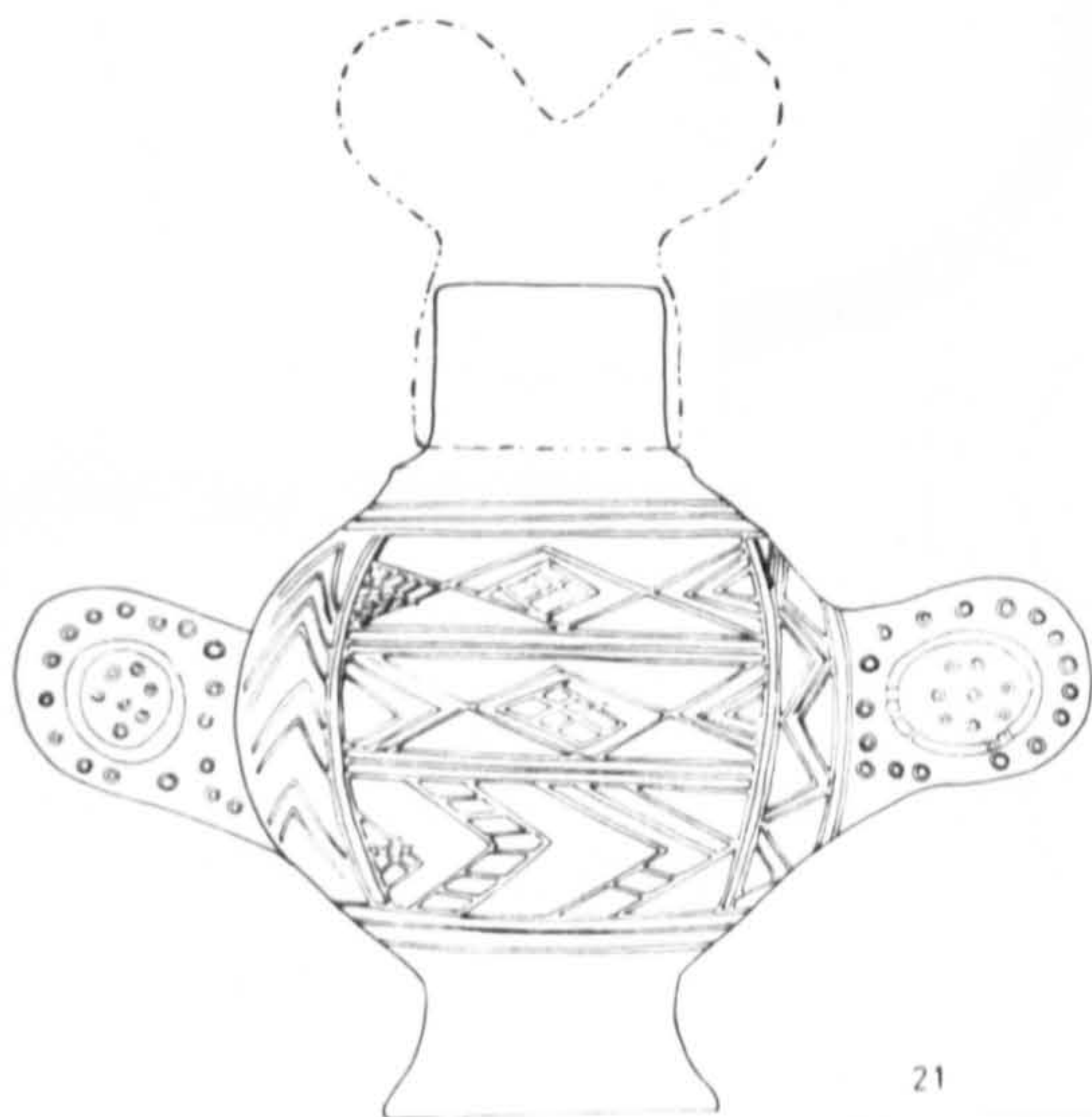
18



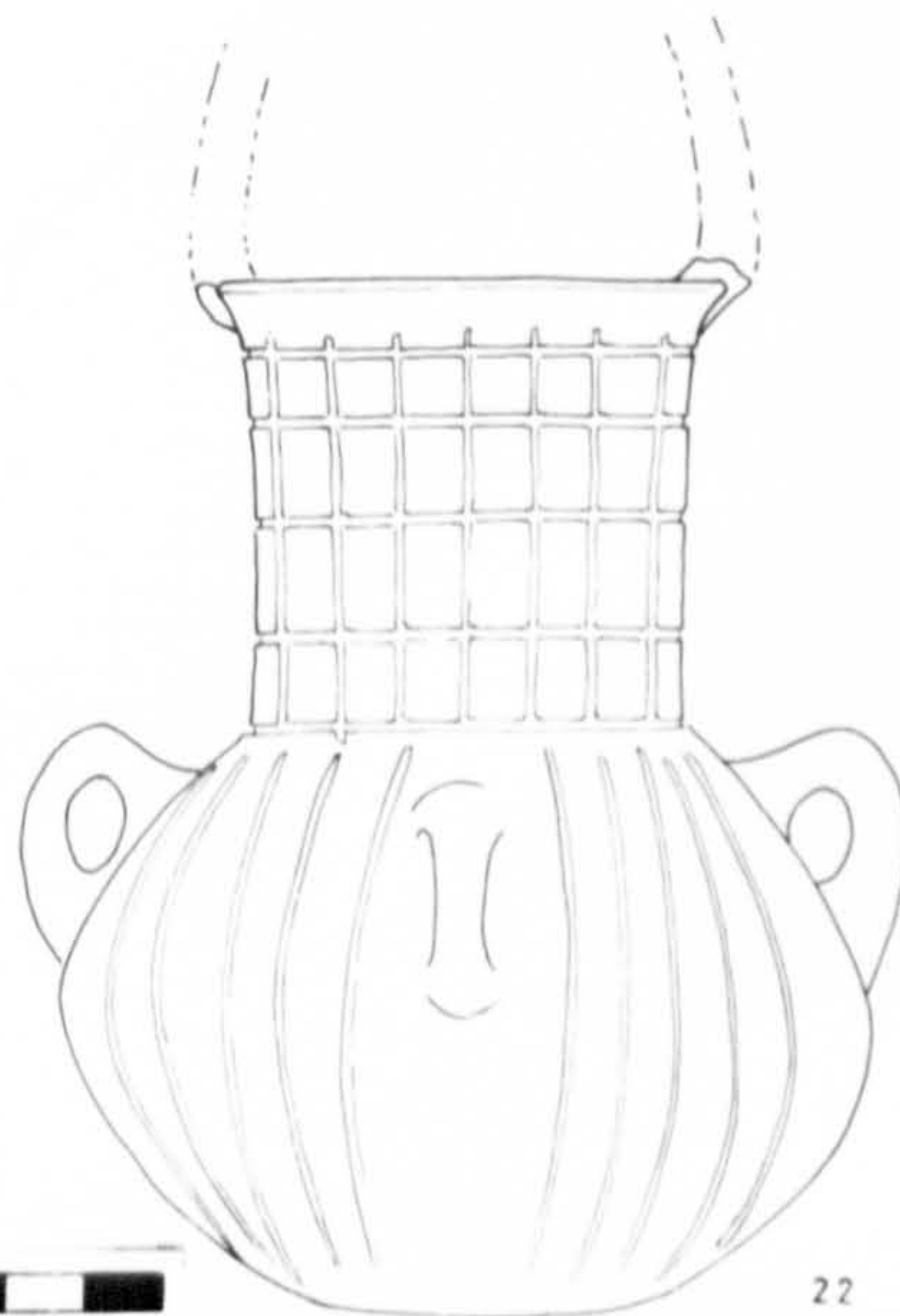
19



20



21

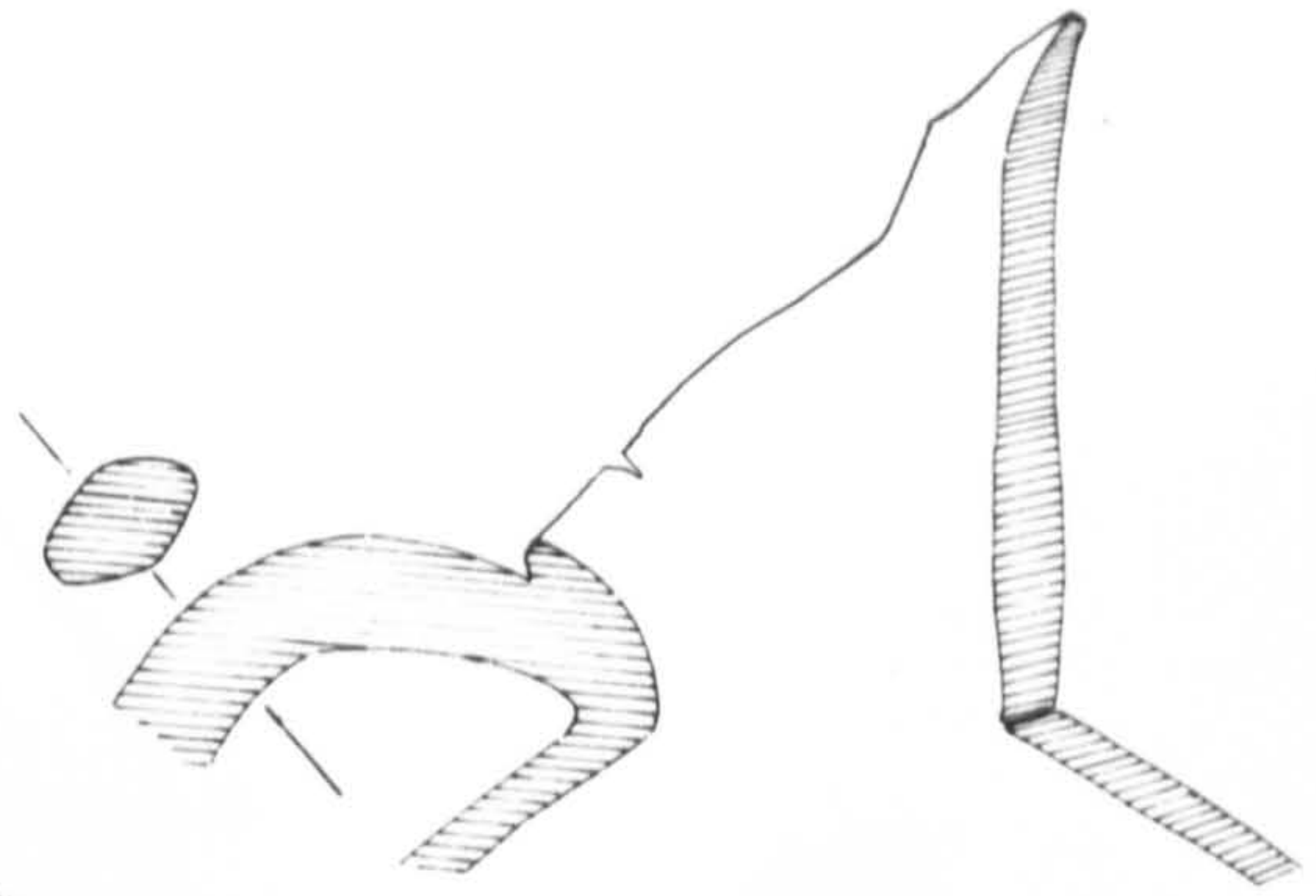


22

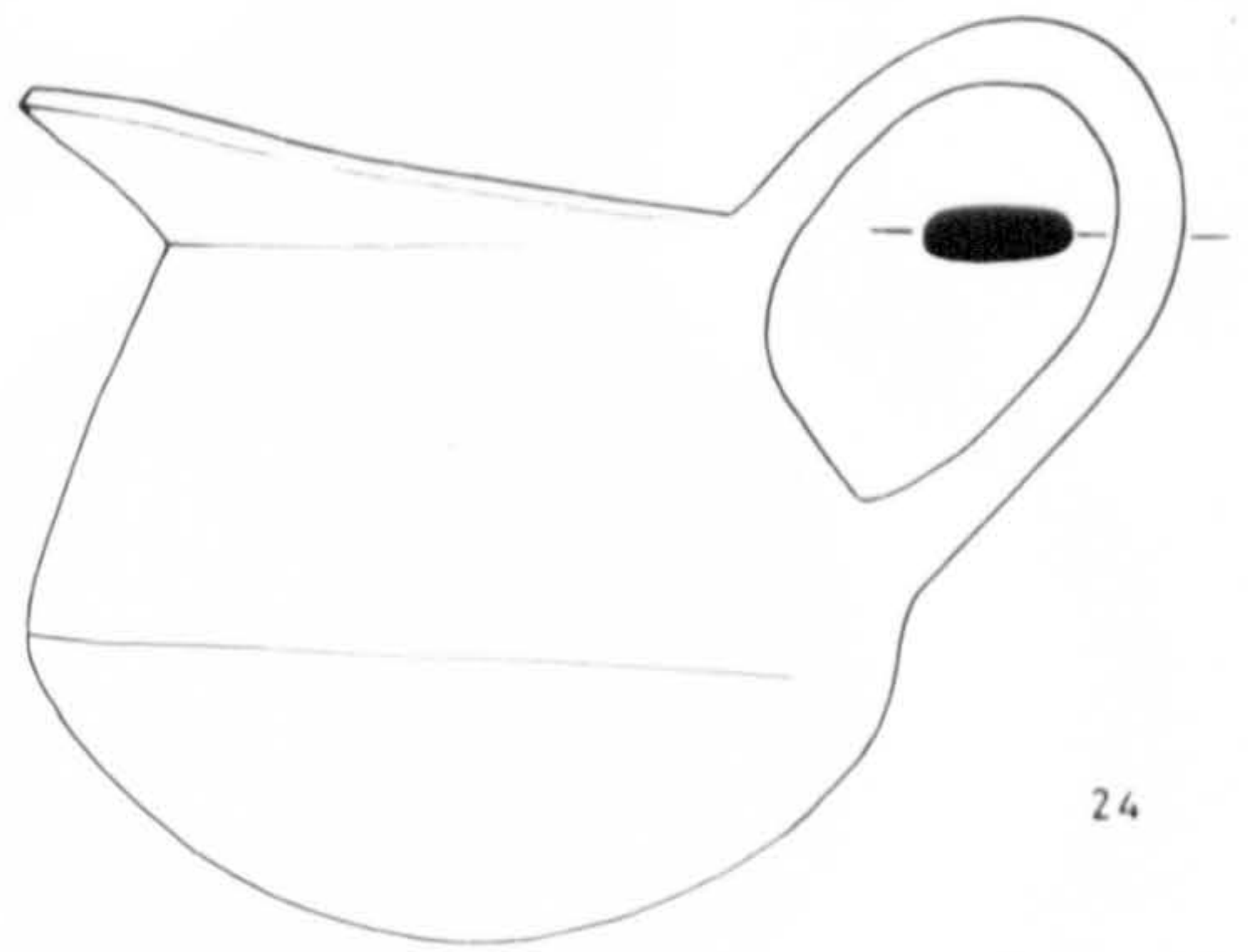
FIG. 91



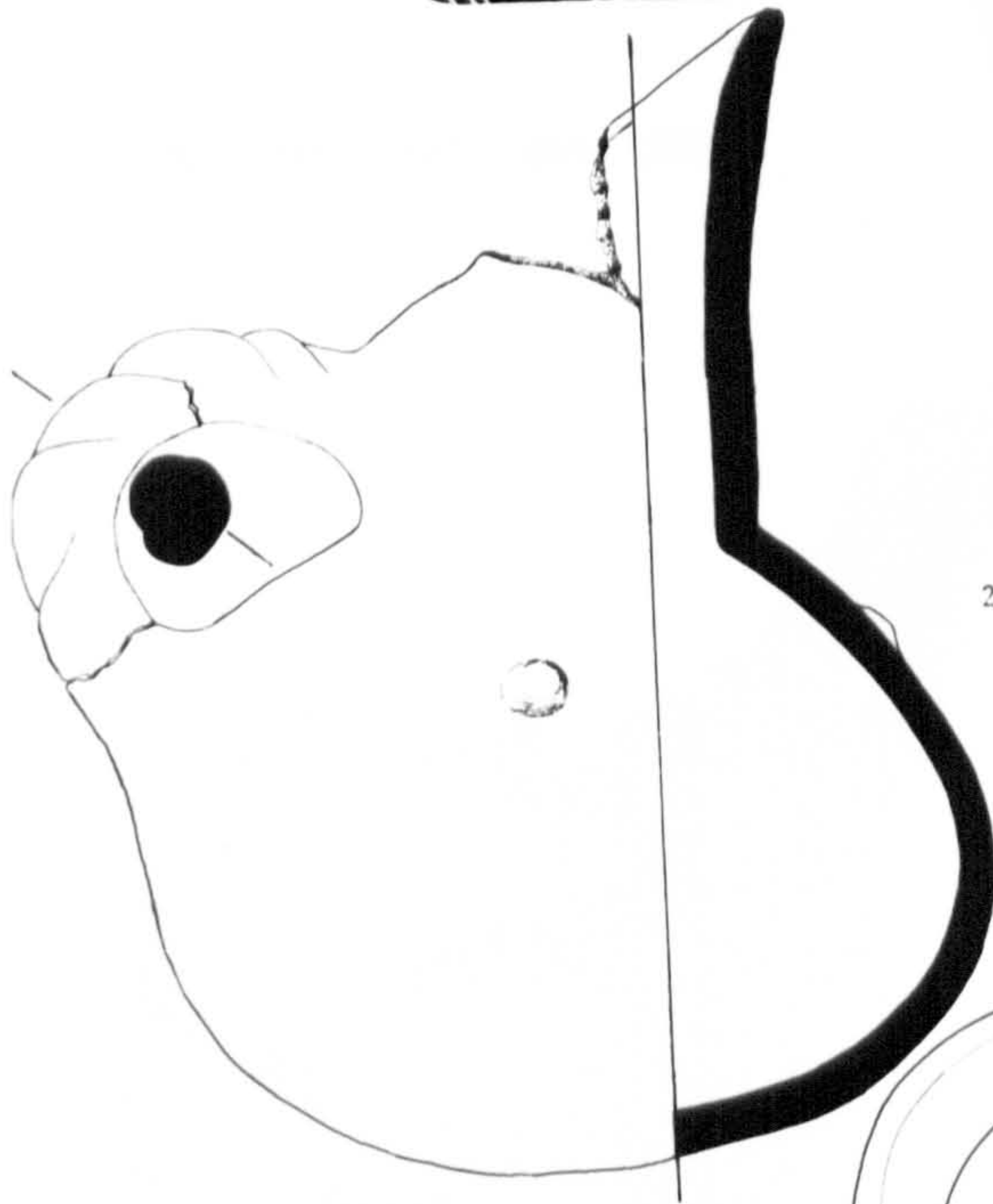
313



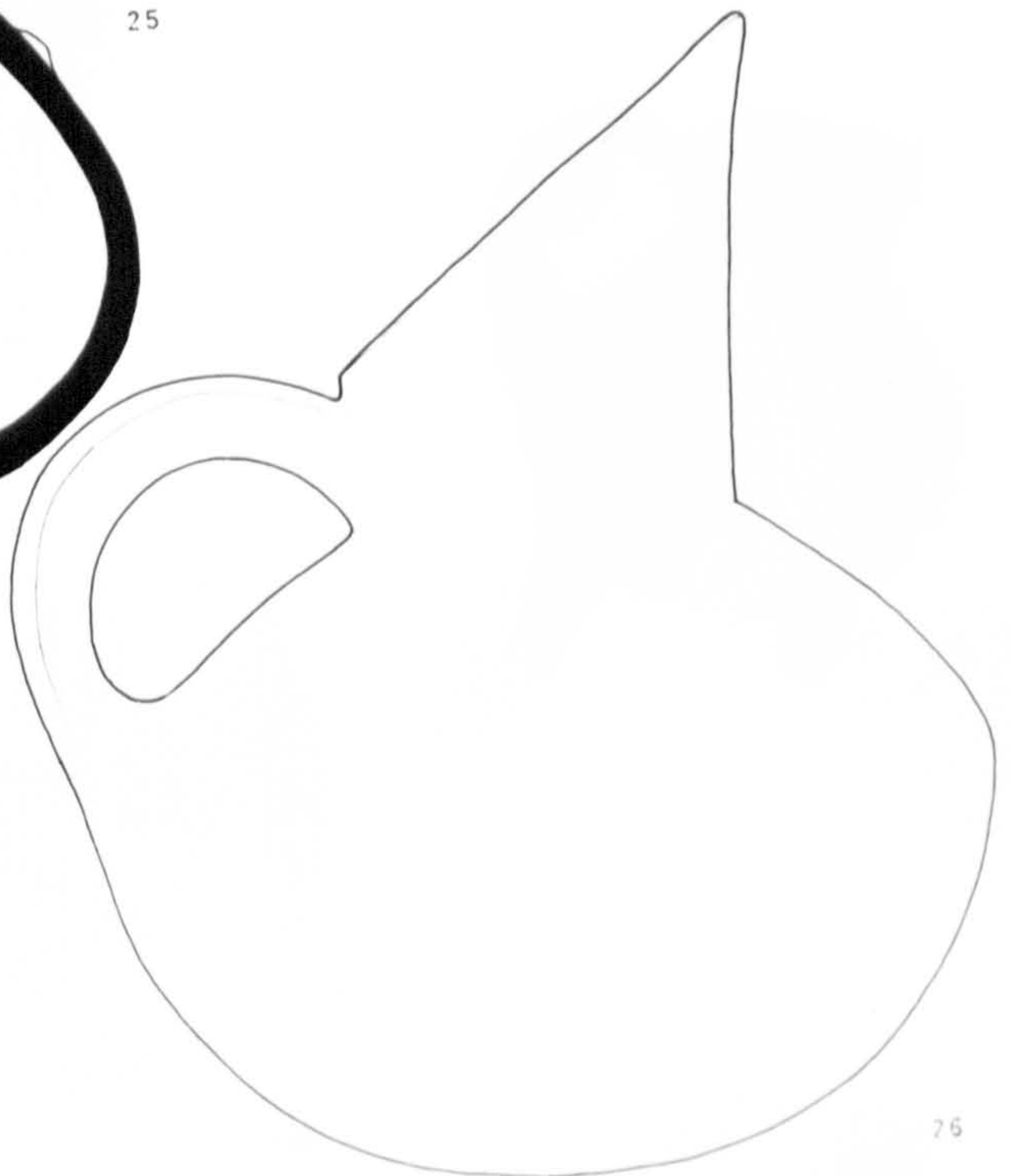
23



24



25



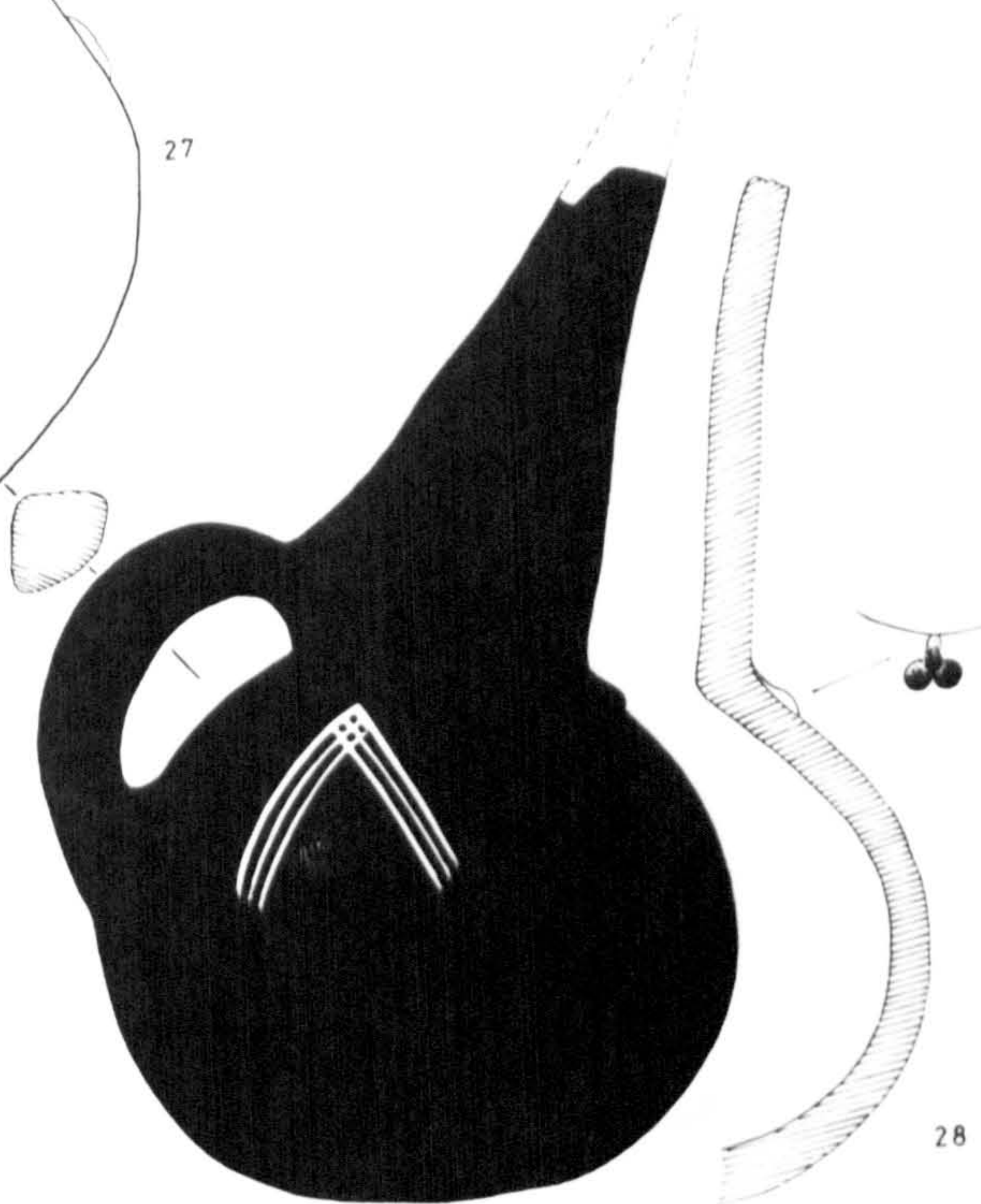
26

FIG. 92

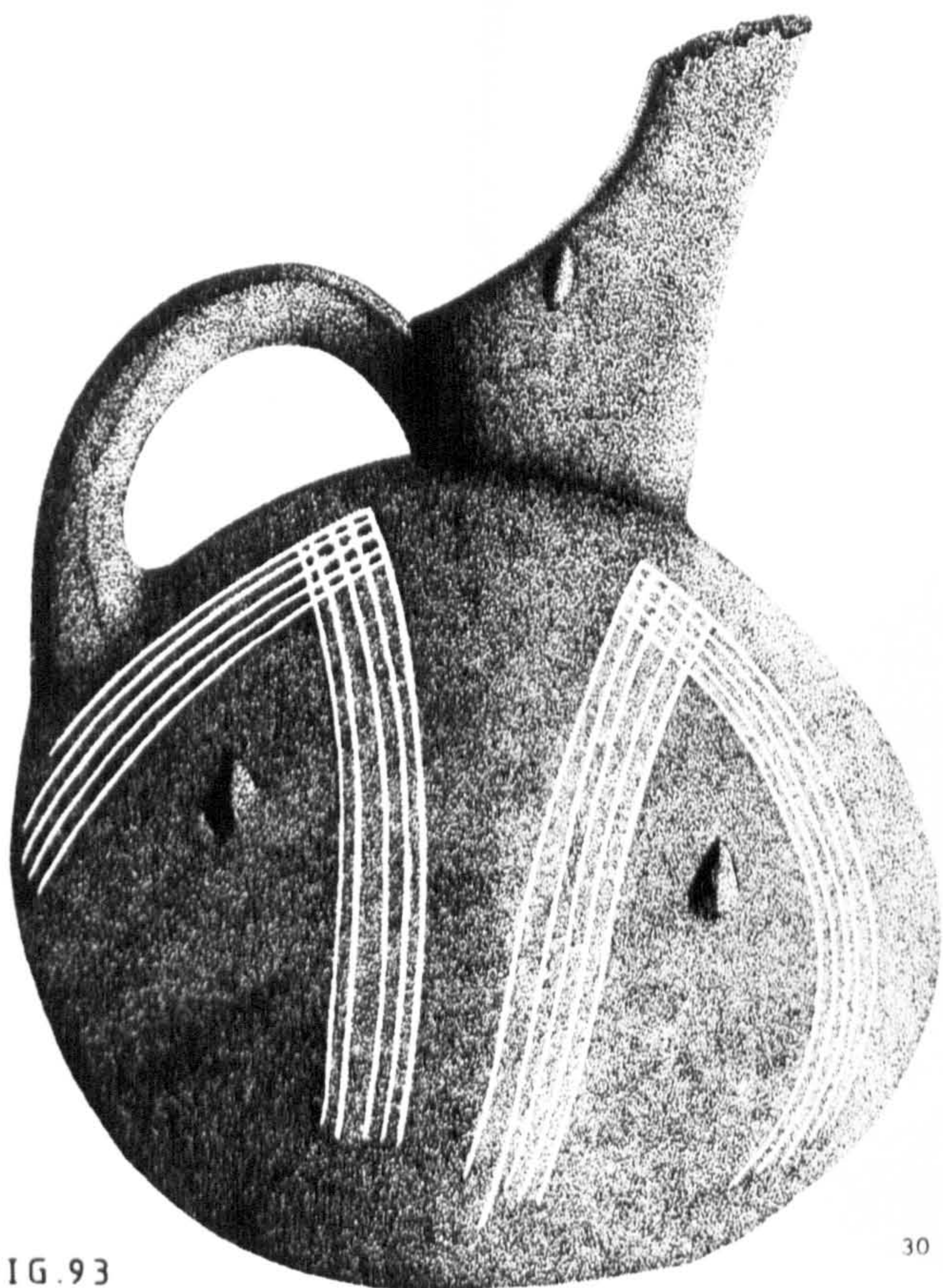
314



27



28



30



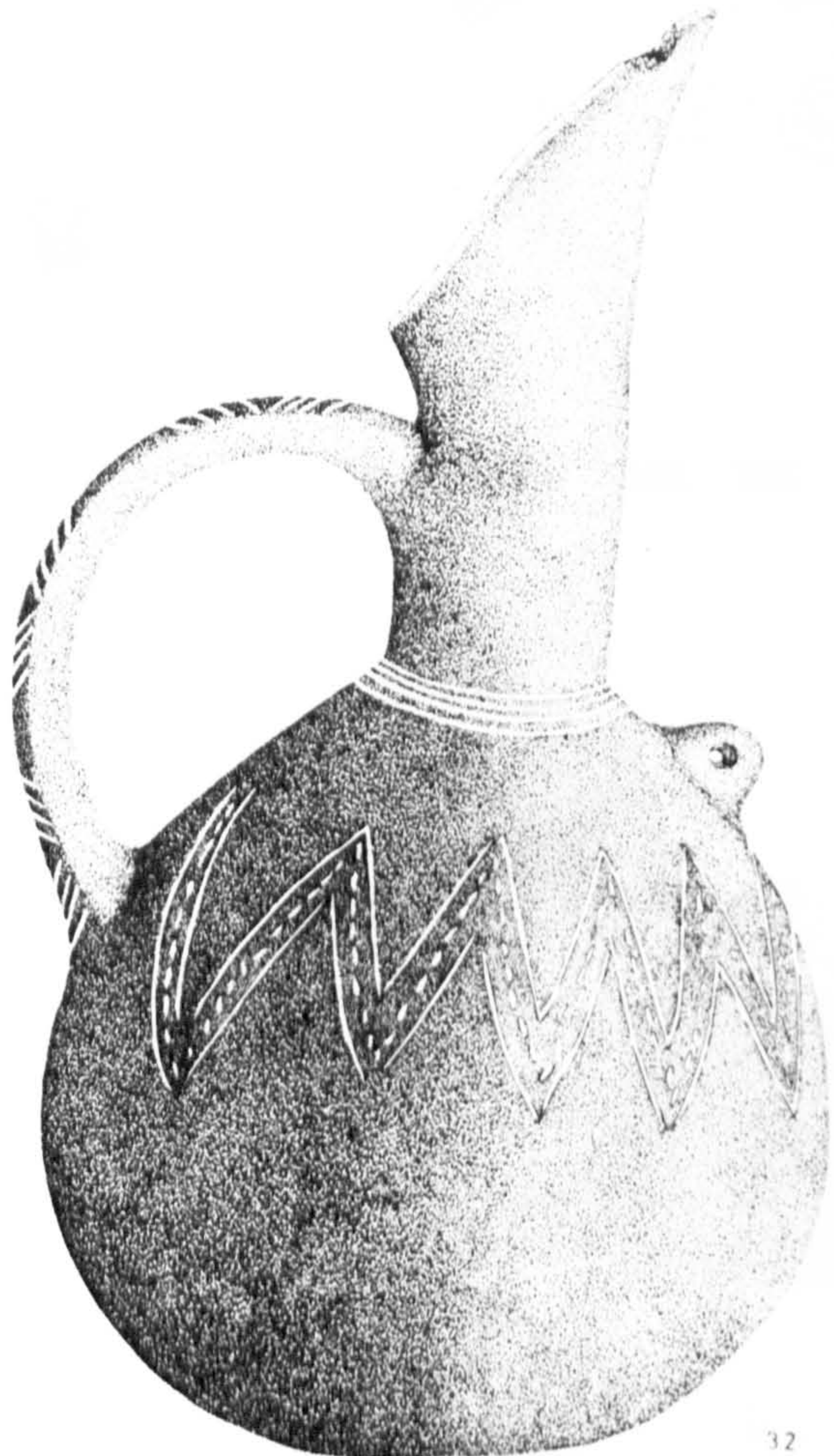
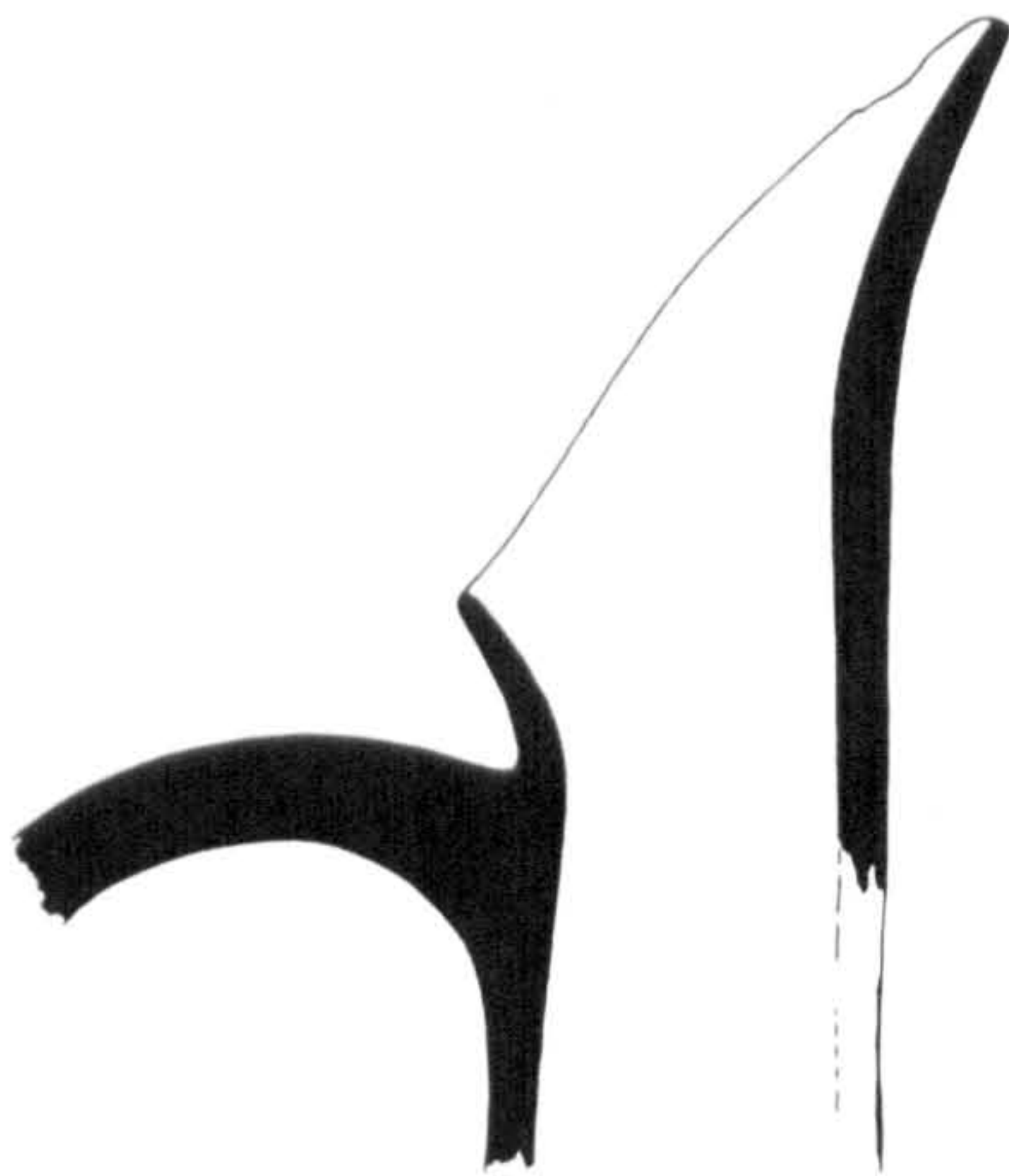
29

FIG. 93

315



31



32

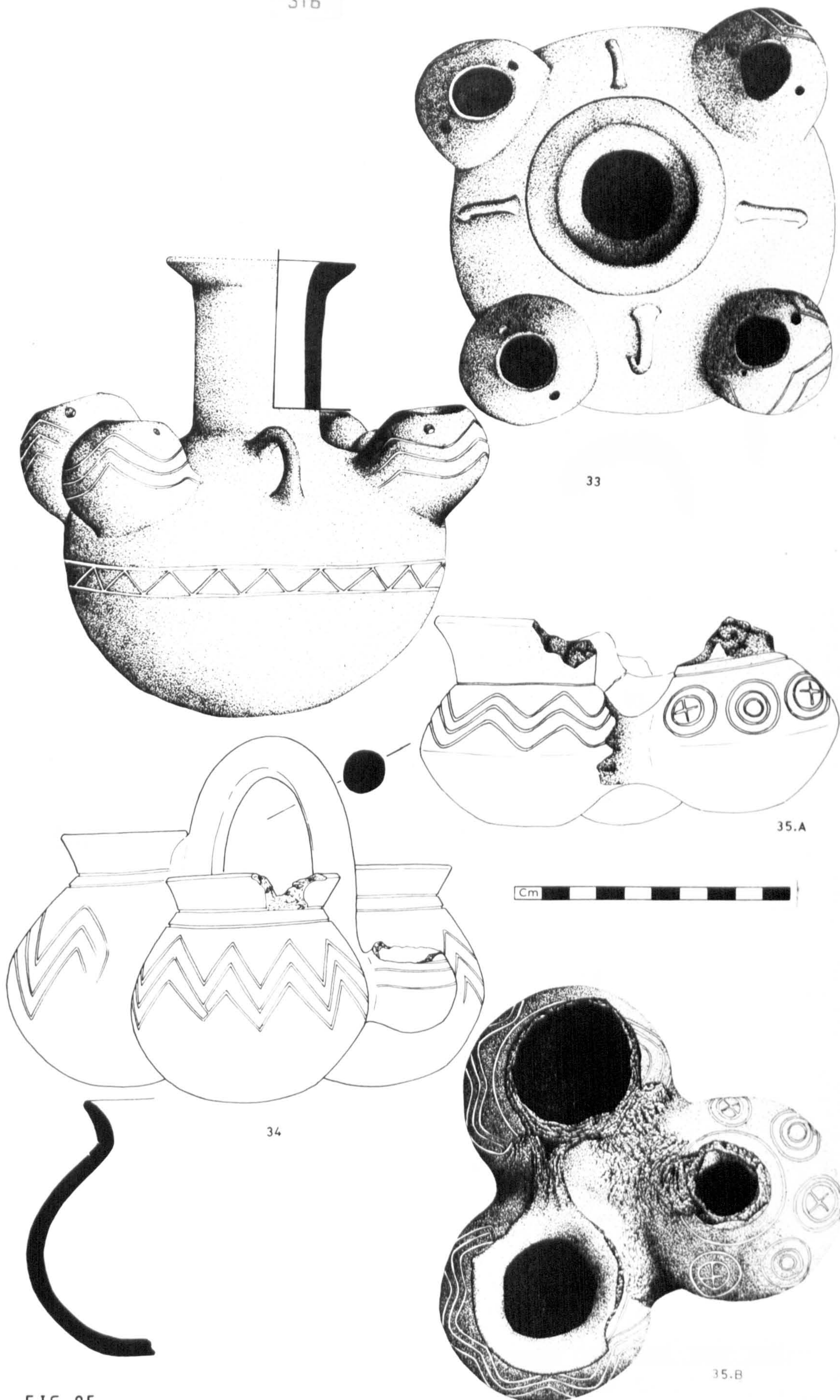


FIG. 95

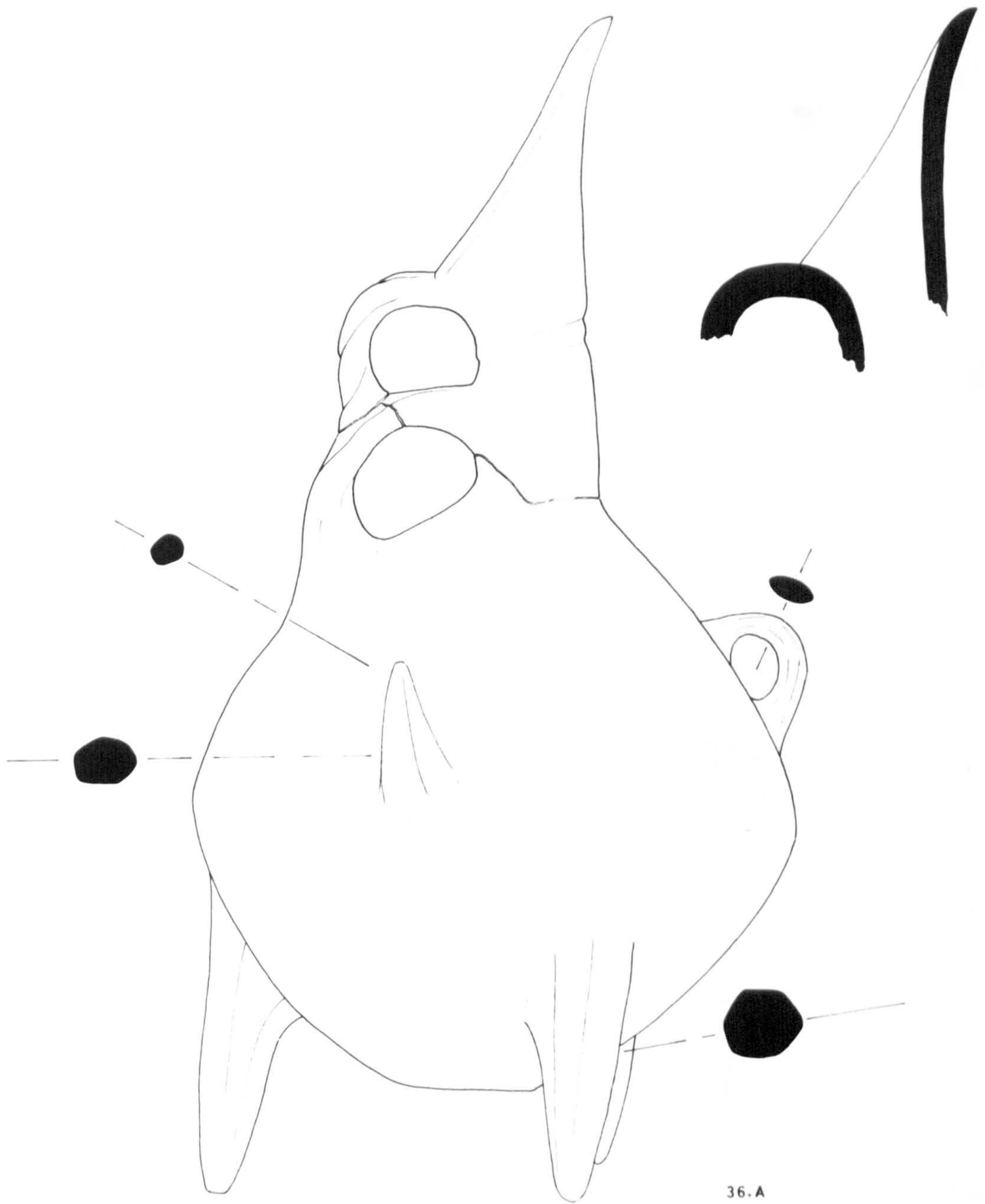


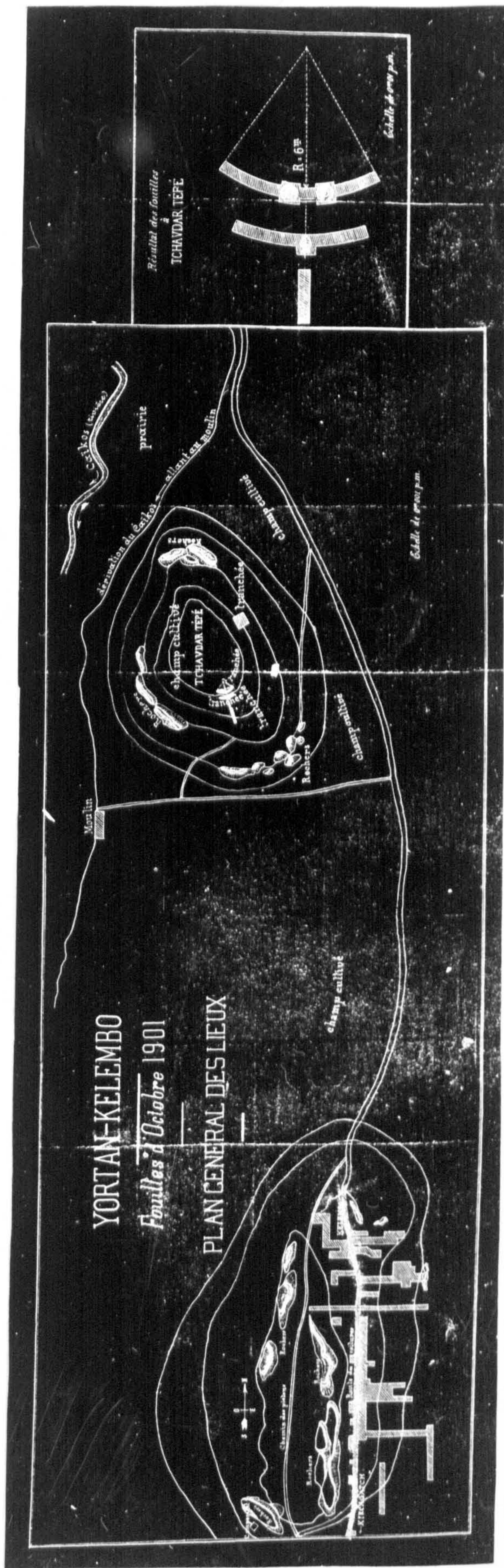
FIG. 96



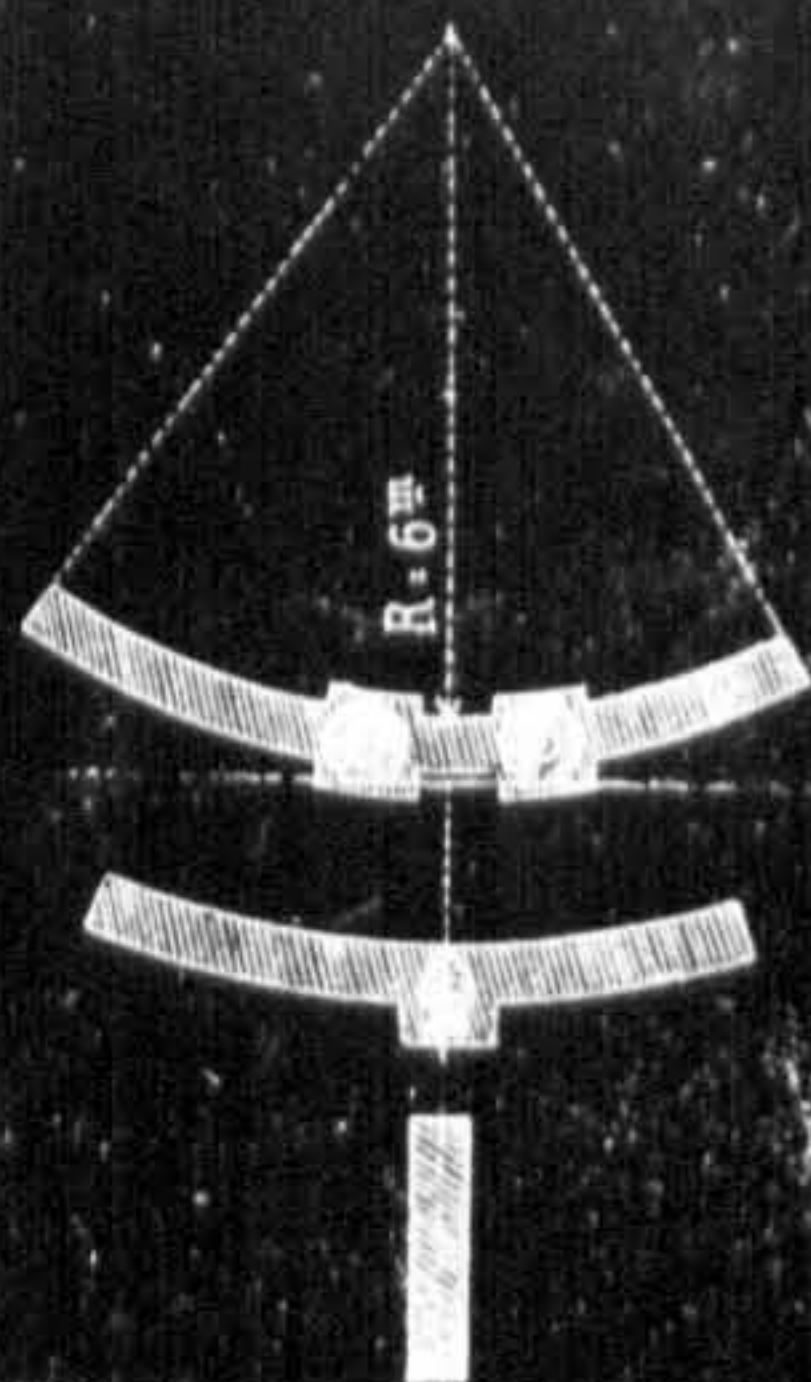
36.B

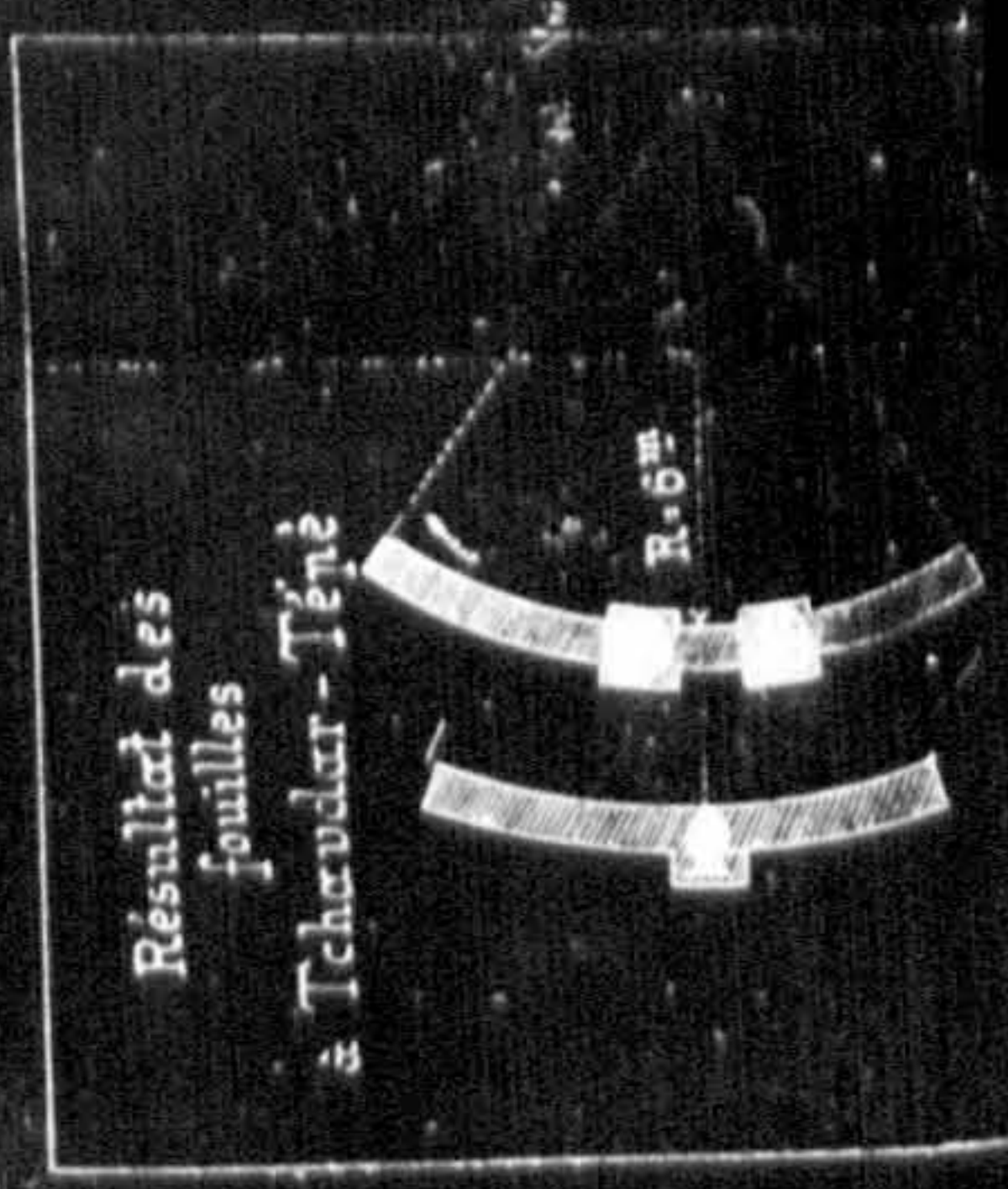
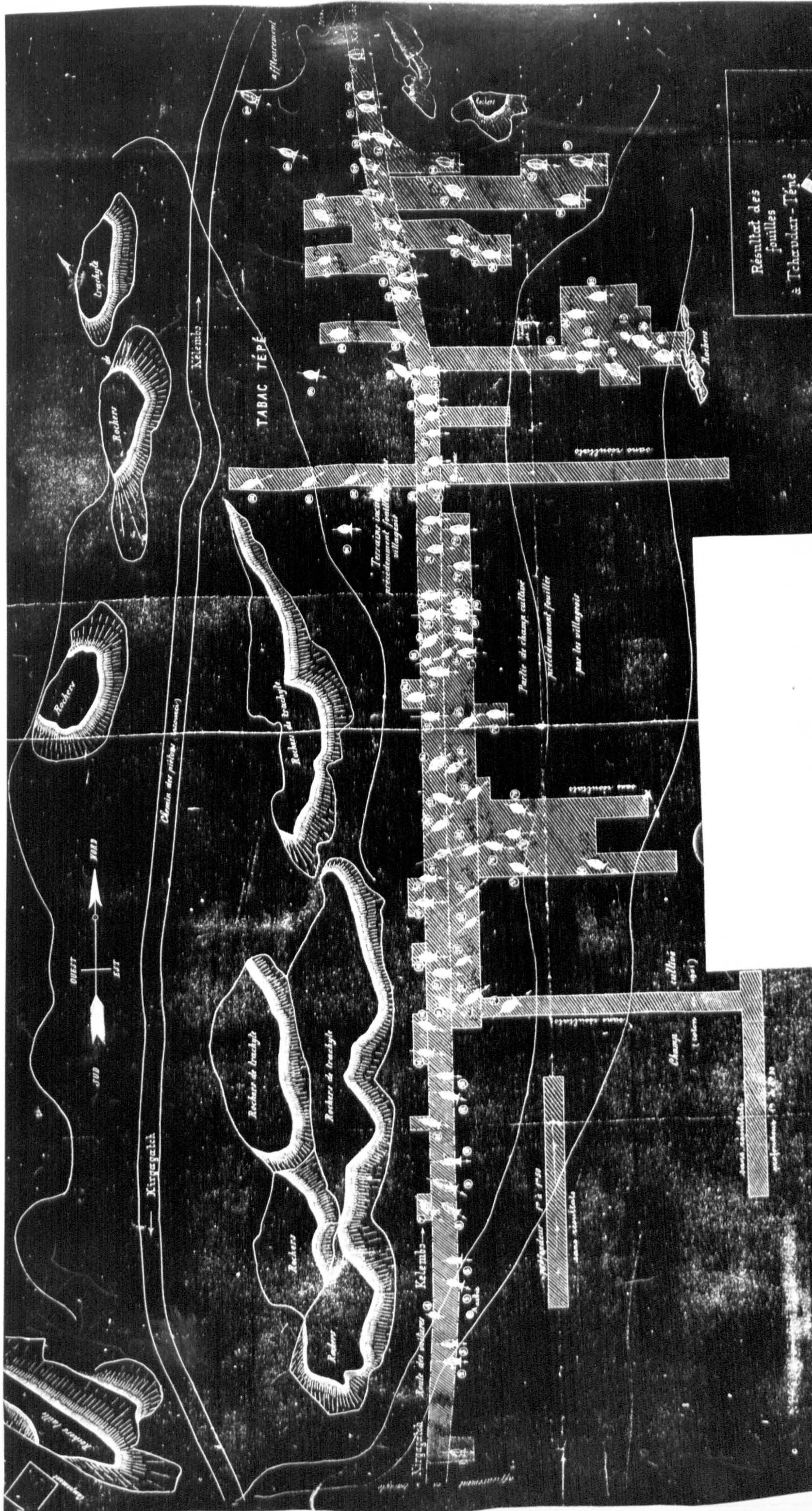
FIG. 97





Résultat des fouilles
 à
 TCHAVDAR TEPÉ





PLAN.II.a P.Gaudin's original plan of Yortan Cemetery